

# GERSAN

2017

ELEKTRİK TİC. ve SAN. A.Ş.



BUSBAR SİSTEMLERİ

Busbar Trunking Systems



DÖŞEME ALTI KABLO KANALLARI

Underfloor Cable Trunkings



TOPRAKLAMA SİSTEMLERİ

Earthing Systems



KABLO KANAL VE MERDİVENLERİ

Cable Management Systems



LED SİSTEMLERİ

LED SYSTEMS



ELEKTRİK ARACI ŞARJ SİSTEMLERİ

Electrical Vehicle Charging Systems



AG DAĞITIM PANELLERİ

Distribution Panels



G-BUS OTOMASYON

G-BUS Automation



since  
1980

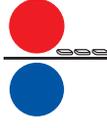
## DAĞITIM PANELLERİ



*Distribution Panels*

Распределительные Шкафы





**GERSAN**  
ELEKTRİK TİC. ve SAN. A.Ş.

# index

## DAĞITIM PANELLERİ

Распределительные Шкафы

*Distribution Panels*



### FEEDER PILLAR DAĞITIM PANELLERİ

02

*Feeder Pillar Distribution Panels*

Fedder PIL распределительные щиты



### G-SOLAR GÜNEŞ PANELLİ PANO SİSTEMLERİ

03

*G-SOLAR Distribution Panels with Solar Panels*

### GDB DAĞITIM PANELLERİ

04-11

*GDB Distribution Panels*

GDB Распределительные Шкафы



### FOTOĞRAF GALERİSİ

12-17

*Photo gallery*

ФОТОГАЛЕРЕЯ

### GSP DAĞITIM PANELLERİ

18-47

*GSP Distribution Panels*

GSP Распределительные Шкафы



### AKSESUARLAR

48-50

*Accessories*

Аксессуары

### SIVA ÜSTÜ DAĞITIM PANELLERİ

51-59

*Wall Mounted Distribution Panels*

Основной корпус стеновых панелей

### SIVA ÜSTÜ MONOBLOK DAĞITIM PANELLERİ

60-64

*Monoblock Surface-Mounted Distribution Panels*

настенные многоблочные панели



### RACK KABİNLERİ

65-69

*Rack Cabinet*

Серверные шкафы

# DECLARATION OF CONFORMITY

according to TS EN ISO/IEC 17050-1



**Manufacturer's Name** : GERSAN ELEKTRİK TİC. VE SAN. A.Ş.  
**Manufacturer's Address** : Anadolu Yakası Gazi Bulvarı No:39-41  
Tuzla / İSTANBUL-TURKEY

## declares that the product

**Product Name** : GDB,GSP Distribution Panels,Rack Cabinet;GFP Feeder  
Pillar Panels  
**Model Number(s)** : GDB,GSP,GFP  
**Features** : 400V/1000V ; 63A / 5000A ; 50/60 Hz ; Form4 ; IP 43/55/65

## conforms with the following standards;

	<u>Applied Standards :</u>	<u>Type Tests :</u>
<b>Safety</b>	: IEC/EN 61439/1-2 IEC/EN 60529	<i>Temperature Rise Limits</i> <i>Dielectric Properties</i> <i>Short-Circuit Strength</i> <i>Effectiveness of The Protective Circuit</i> <i>Clearance and Creepage Distances</i> <i>Mechanical Operation</i> <i>Degree of Protection</i> <i>Electrical Characteristics</i> <i>Structural Strength</i> <i>Crushing Resistance</i>

## Supplementary Information :

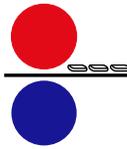
The product herewith complies with the requirements of the Low Voltage Directive 2006/95/EC and carries the CE Marking accordingly.

This Declaration is granted on account of examination made in ;

ASTA Laboratory, the result of which are laid down in test report no. (16939/18038/17027-17029)  
IPH Laboratory, the result of which are laid down in test report no. (1624.2090893.1024)  
ESİM Laboratory, the result of which are laid down in test report no. (L08001-2008/252-1-4)

İSTANBUL 01.03.13

**GERSAN ELEKTRİK A.Ş.**  
Yüksel KARDEŞ



### FEEDER PILLAR DAĞITIM PANELLERİ *Feeder Pillar Distribution Panels* Fedder PIL распределительные щиты



IP 65

FEEDER PILLAR DAĞITIM PANELLERİ				
<i>Feeder Pillar Distribution Panels</i>				
Fedder PIL распределительные щиты				
Stok kodu <i>Stack code</i> Код заказа	Giriş <i>Incomer</i> ВХОД	Faz <i>Phase</i> фаза	Çıkış Sayısı <i>Way</i> Количество выходов	Fiyat <i>Price(USD)</i> цена
GFP R08	MCB - RCCB SD - RCCB	3	8	<b>LÜTFEN SORUNUZ! PLEASE ASK!</b>
GFP R16		3	16	
GFP R24		3	24	



IP 55



Islamic Art Museum - Doha/Qatar

#### ÖZELLİKLER

Standart Gerilim  
Akım İzolasyon Gerilimi  
Kısa Devre Akımı  
Koruma Derecesi  
Renk

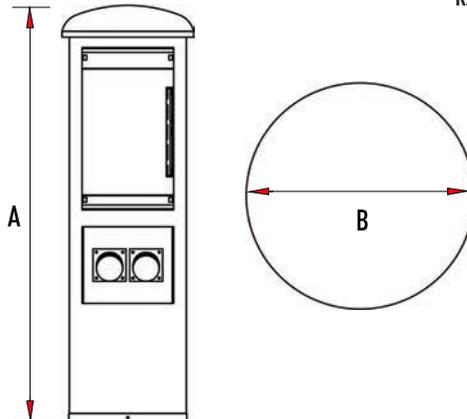
#### PROPERTIES

*Standard Voltage*  
*Current*  
*Insulation Voltage*  
*Short Circuit Withstand*  
*Protection Degree*  
*Colour*

#### Свойства

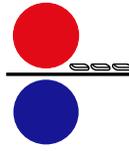
Стандарт  
Напряжение  
Ток  
Напряжение Изоляции  
Ток Короткого Замыкания  
Степень Защиты  
Цвет

IEC/BS EN 60439-3  
230/240 V  
32/63 A  
500V AC  
16 kA  
IP 4X  
RAL 7035



#### ÖLÇÜLER *Dimensions* РАЗМЕРЫ

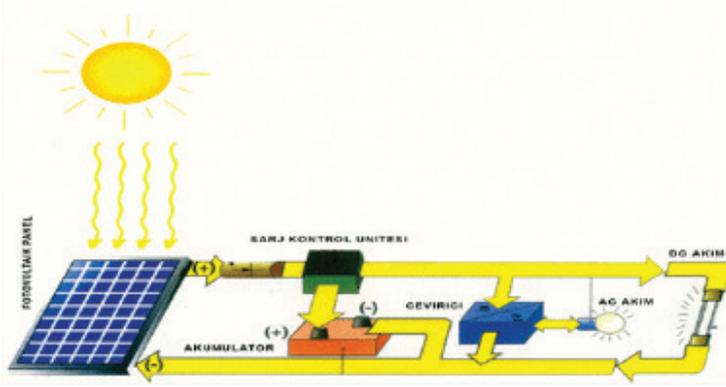
Çıkış Sayısı <i>Way</i> Количество выходов	A mm	B mm
8	800	450
16	1200	450
24	1200	450

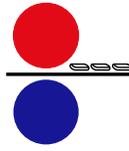


## G-SOLAR® GÜNEŞ PANELLİ PANO SİSTEMLERİ

БОРТОВЫЕ СИСТЕМЫ СОЛНЕЧНЫХ ПАНЕЛЕЙ Г-СОЛАР

## G-SOLAR® Distribution Panels with Solar Panels





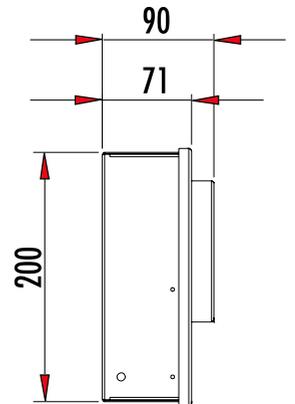
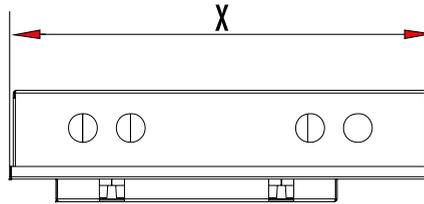
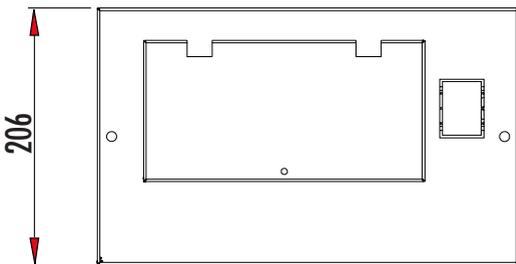
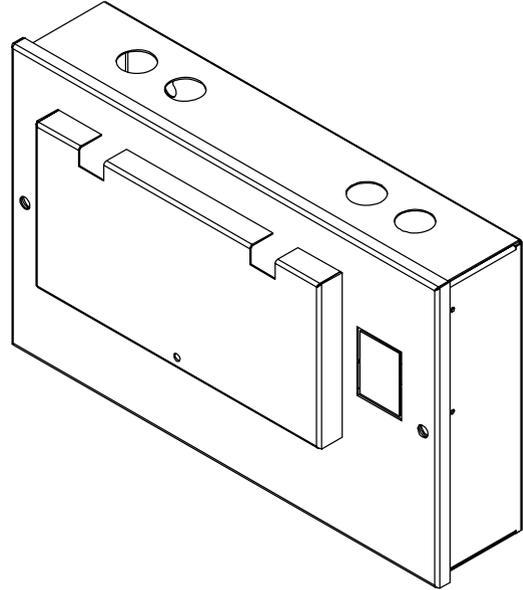
### GDB DAĞITIM PANELLERİ

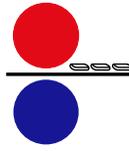
### GDB Distribution Panels

### GDB Распределительные Шкафы



MONOFAZE YÜZEYE MONTAJ, TİP A, DAĞITIM PANELİ					
Single phase surface mounted, Type A, Distribution Board					
Распределительный Щит наружной установки Типа					
Stok kodu Stock code Код заказа	Giriş Incomer ВХОД	Faz Phase фаза	Çıkış Sayısı Way Количество выходов	Ağırlık(Kg/ad) Weight Вес (кг / шт)	Fiyat Price(USD) цена
GDB-BS SPR4	MCB (SP) RCCB (DP)	1	4	2,000	32,00
GDB-BS SPR6		1	6	2,400	38,40
GDB-BS SPR8		1	8	3,000	48,00
GDB-BS SPR10		1	10	3,500	56,00
GDB-BS SPR12		1	12	4,000	64,00





### GDB DAĞITIM PANELLERİ

### GDB Distribution Panels

### GDB Распределительные Шкафы

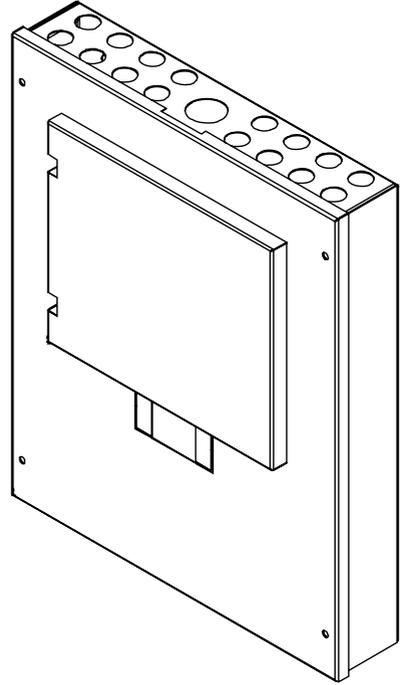


#### 63A YÜZEYE MONTAJ, TİP B, DAĞITIM PANELİ

#### 63A Surface mounted, Type B, Distribution Board

63A, Распределительный Щит наружной установки Типа B

Stok kodu Stock code Код заказа	Giriş Incomer ВХОД	Faz Phase фаза	Çıkış Sayısı Way Количество выходов	Ağırlık(Kg/ad) Weight Вес (кг/шт)	Fiyat Price(USD) цена
GDB-BS 63R4	MCB (TP) RCCB (TPN)	3	4	5,500	90,00
GDB-BS 63R6		3	6	6,000	97,50
GDB-BS 63R8		3	8	6,500	100,00
GDB-BS 63R10		3	10	7,500	105,00
GDB-BS 63R12		3	12	8,500	112,50



#### ÖZELLİKLER

Standart Gerilim Akım İzolasyon Gerilimi Kısa Devre Akımı Koruma Derecesi Renk

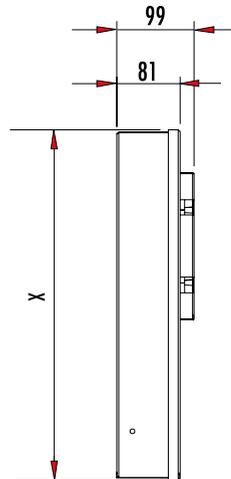
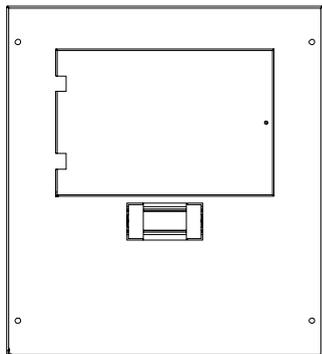
#### PROPERTIES

Standard Voltage Current Insulation Voltage Short Circuit Withstand Protection Degree Colour

#### Свойства

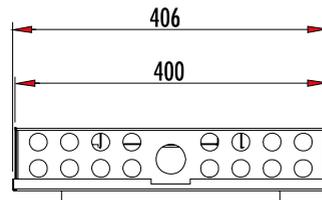
Стандарт Напряжение Ток Напряжение Изоляции Ток Короткого Замыкания Степень Защиты Цвет

IEC/BS EN 60439-3  
230/240 V  
32/63 A  
500V AC  
16 kA  
IP 4X  
RAL 7035



ASTA Tip test sertifikalarını [www.gersan.com.tr](http://www.gersan.com.tr) sitemizden indirebilir yada firmamızdan isteyebilirsiniz.  
ASTA Type test certificates can be downloaded from [www.gersan.com.tr](http://www.gersan.com.tr) web site or asked from us.

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### GDB DAĞITIM PANELLERİ

### GDB Distribution Panels

### GDB Распределительные Шкафы

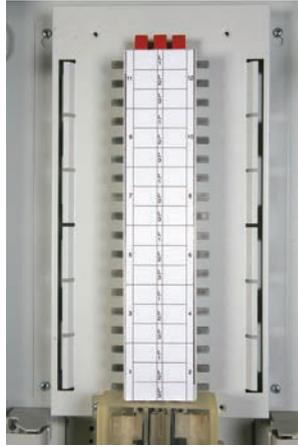


#### 32/63/100/125A YÜZEYE MONTAJ, TİP B, DAĞITIM PANELİ

32/63/100/125A Surface mounted, Type B, Distribution Board

32/63/100/125A, Распределительный Щит наружной установки Типа B

Stok kodu Stock code Код заказа	Giriş Incomer ВХОД	Faz Phase фаза	Çıkış Sayısı Way Количество выходов	Ağırlık(Kg/ad) Weight Вес (кг/шт)	Fiyat Price(USD) цена
GDB 63R4	MCB - RCCB (TPN)	3	4	11,000	160,00
GDB 63R6	MCB - RCCB (TP) SD - RCCB (TPN)	3	6	12,000	180,00
GDB 63R8	SD - RCCB (TP)	3	8	13,000	195,00
GDB 63R10	MCCB - RCCB (TPN) MCCB - RCCB (TP)	3	10	14,000	200,00
GDB 63R12	MCCB (TPN)	3	12	15,000	210,00
GDB 63R14	MCCB (TP)	3	14	16,000	225,00
GDB 63R16	MCCB or RCCB or SD (TPN)	3	16	17,000	240,00



#### ÖZELLİKLER

#### PROPERTIES

#### Свойства

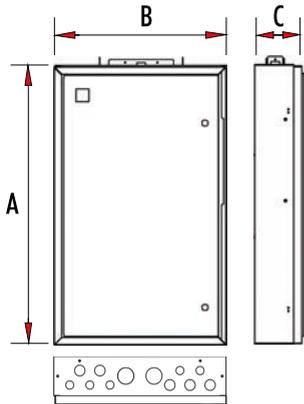
Standart Gerilim Akım İzolasyon Gerilimi Kısa Devre Akımı Koruma Derecesi Renk

Standard Voltage Current Insulation Voltage Short Circuit Withstand Protection Degree Colour

Standart  
Напряжение  
Ток  
Напряжение Изоляции  
Ток Короткого Замыкания  
Степень Защиты  
Цвет

IEC/BS EN 60439-3  
230/240 V  
32/63/100/125 A  
500V AC  
16 kA  
IP 4X  
RAL 7035

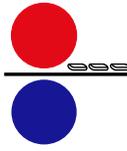
#### ÖLÇÜLER Dimensions РАЗМЕРЫ



Çıkış Sayısı Way Количество выходов	A mm	B mm	C mm
4	550	400	110
6	600	400	110
8	650	400	110
10	710	400	110
12	760	400	110
16	870	400	110
20	968	400	110
24	1085	400	110

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### GDB DAĞITIM PANELLERİ

### GDB Distribution Panels

### GDB Распределительные Шкафы



#### 200/250A YÜZEYE MONTAJ, TİP B, DAĞITIM PANELİ

200/250A Surface mounted, Type B, Distribution Board

200/250A, Распределительный Щит наружной установки Типа B

Stok kodu Stock code Код заказа	Giriş Incomer ВХОД	Faz Phase фаза	Çıkış Sayısı Way Количество выходов	Ağırlık(Kg/ad) Weight Вес (кг/шт)	Fiyat Price(USD) цена
GDB 250R4	MCCB (TPN) MCCB (TP)	3	4	12,000	170,00
GDB 250R6		3	6	13,000	195,00
GDB 250R8		3	8	14,000	215,00
GDB 250R10		3	10	15,000	225,00
GDB 250R12		3	12	16,000	240,00
GDB 250R14		3	14	17,000	260,00
GDB 250R16		3	16	18,000	280,00



#### ÖZELLİKLER

#### PROPERTIES

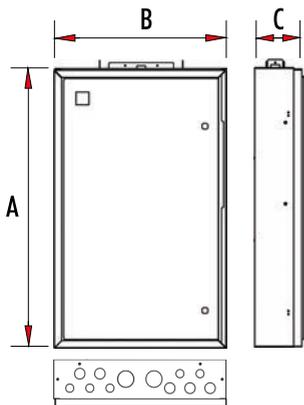
#### Свойства

Standart  
Gerilim  
Akım  
İzolasyon Gerilimi  
Kısa Devre Akımı  
Koruma Derecesi  
Renk

Standard  
Voltage  
Current  
Insulation Voltage  
Short Circuit Withstand  
Protection Degree  
Colour

Стандарт  
Напряжение  
Ток  
Напряжение Изоляции  
Ток Короткого Замыкания  
Степень Защиты  
Цвет

IEC/BS EN 60439-3  
230/240 V  
200/250A  
500V AC  
36 kA  
IP 4X  
RAL 7035

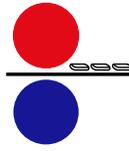


#### ÖLÇÜLER Dimensions РАЗМЕРЫ

Çıkış Sayısı Way Количество выходов	A mm	B mm	C mm
4	700	400	100
6	752	400	100
8	806	400	100
12	860	400	100
16	914	400	100
20	968	400	100
24	1024	400	100

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### GDB DAĞITIM PANELLERİ

### GDB Distribution Panels

### GDB Распределительные Шкафы

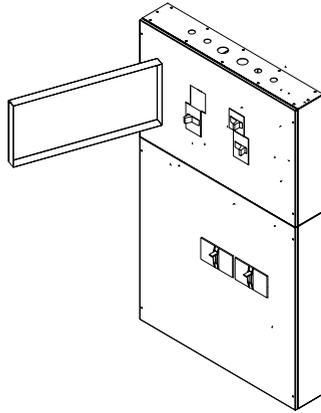
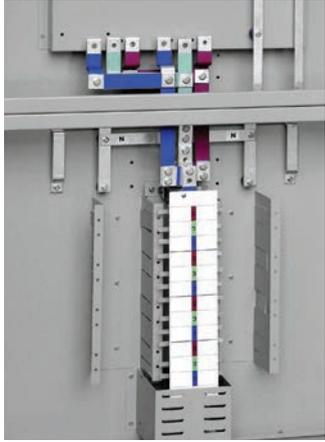
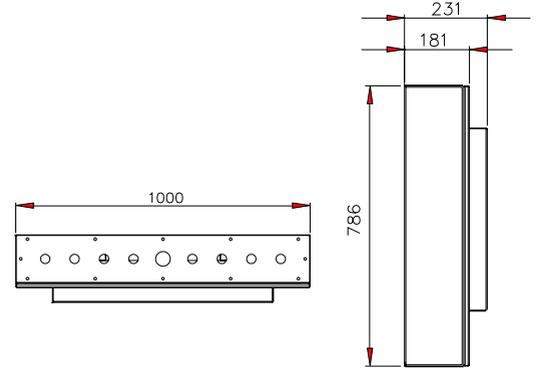
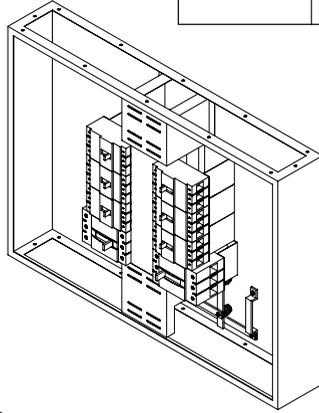


#### 160-250A YÜZEYE MONTAJ, TİP B, DAĞITIM PANELİ

160-250A Surface mounted, Type B, Distribution Board

160-250A Распределительный Щит наружной установки Типа В

Stok kodu Stock code Код заказа	Giriş Incomer ВХОД	Faz Phase фаза	Çıkış Sayısı Way Количество выходов	Ağırlık(Kg/ad) Weight Вес (кг/шт)	Fiyat Price(USD) цена
GDB160R7-M2	MCCB (TPN) MCCB (TP)	3	7	40,000	590,00
GDB 250R7-M1	MCCB (TPN) MCCB (TP)	3	7	45,000	610,00

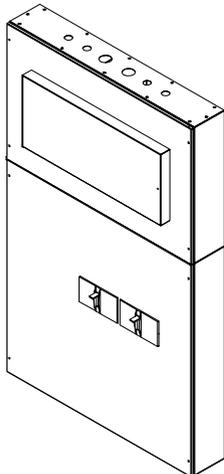
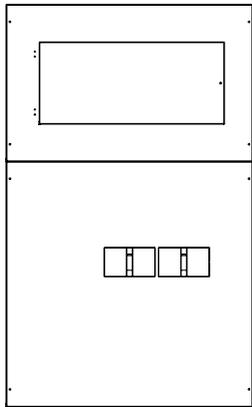


#### 800A YÜZEYE MONTAJ, TİP B, DAĞITIM PANELİ

800A Surface mounted, Type B, Distribution Board

800A, Распределительный Щит наружной установки Типа В

Stok kodu Stock code Код заказа	Giriş Incomer ВХОД	Faz Phase фаза	Çıkış Sayısı Way Количество выходов	Ağırlık(Kg/ad) Weight Вес (кг/шт)	Fiyat Price(USD) цена
GDB 800R4-M4	MCCB (TPN) MCCB (TP)	3	4	85,000	725,00



#### ÖZELLİKLER

Standart  
Gerilim  
Akım  
İzolasyon Gerilimi  
Kısa Devre Akımı  
Koruma Derecesi  
Renk

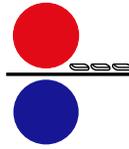
#### PROPERTIES

Standard  
Voltage  
Current  
Insulation Voltage  
Short Circuit Withstand  
Protection Degree  
Colour

#### Свойства

Стандарт  
Напряжение  
Ток  
Напряжение Изоляции  
Ток Короткого Замыкания  
Степень Защиты  
Цвет

IEC/BS EN 60439-3  
230/240 V  
160/250/800 A  
500V AC  
16 kA - 344 A  
IP 4X  
RAL 7035

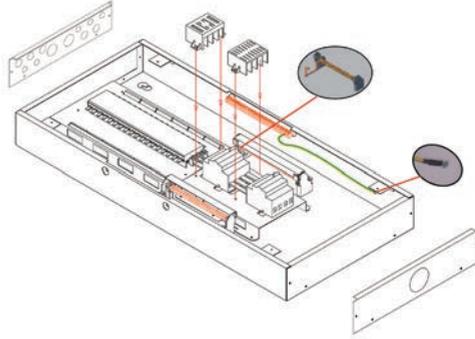


## GDB DAĞITIM PANELLERİ

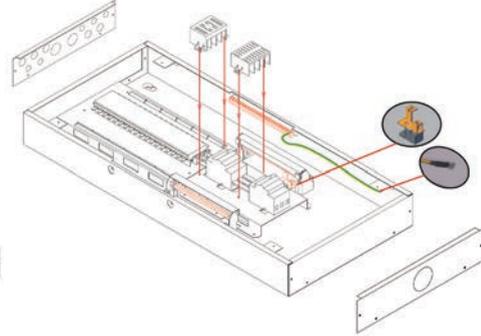
## GDB Distribution Panels

## GDB Распределительные Шафы

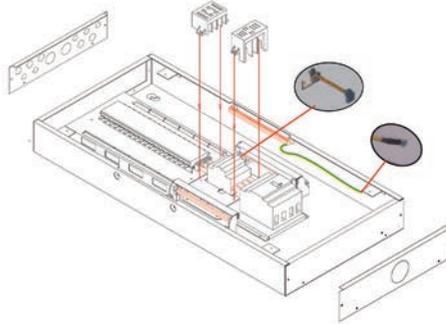
MCB - SD - RCCB (TPN)



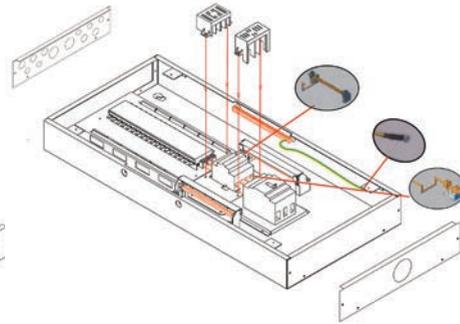
MCB - SD - RCCB (TP)



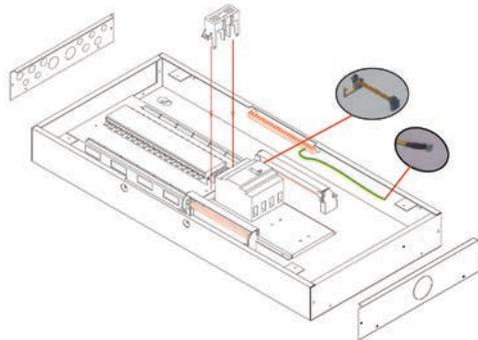
MCB - SD - RCCB (TPN)



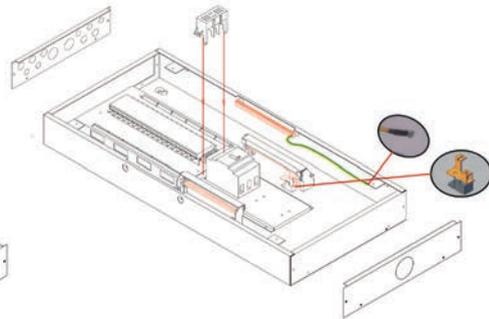
MCB - SD - RCCB (TP)



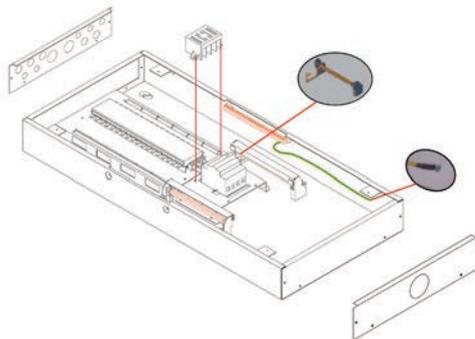
MCCB (TNP)



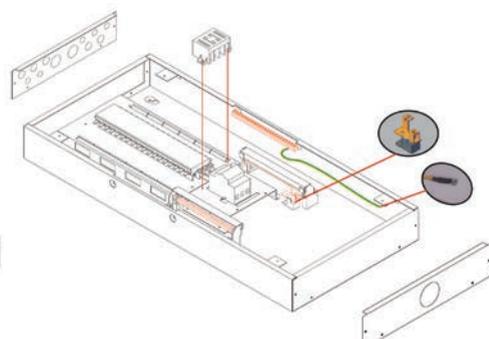
MCCB (TN)

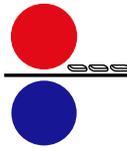


MCCB or RCCB or SD (TPN)



MCCB or RCCB or SD (TP)



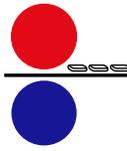


## GSP DAĞITIM PANELLERİ

## *GSP Distribution Panels*

## ГSP Распределительные Шафы



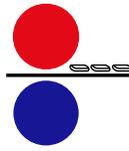


GSP DAĞITIM PANELLERİ

GSP Distribution Panels

GSP Распределительные Шкафы



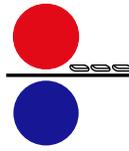


## GSP DAĞITIM PANELLERİ

## *GSP Distribution Panels*

## ГSP Распределительные Шафы

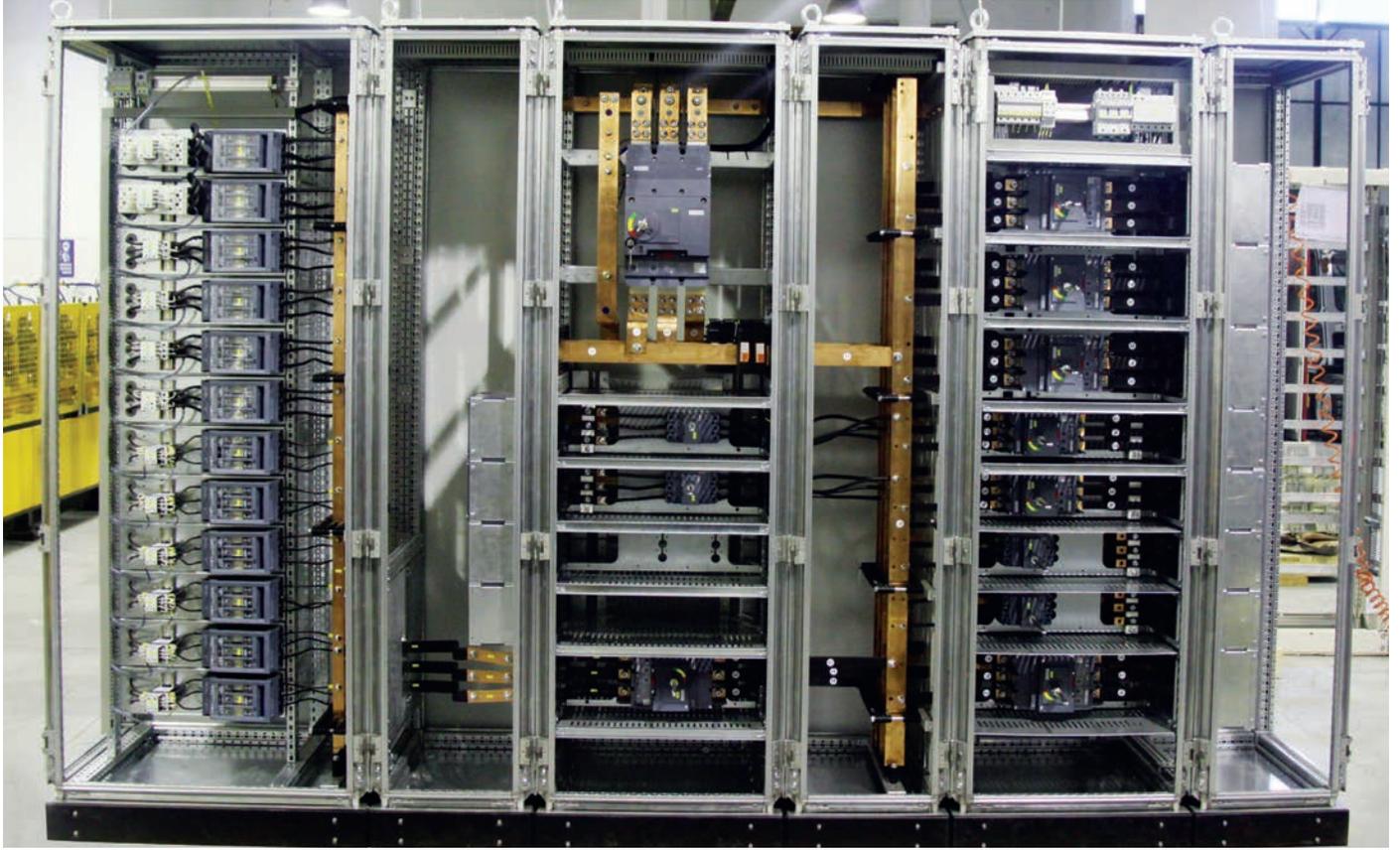


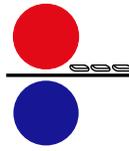


GSP DAĞITIM PANELLERİ

GSP Distribution Panels

GSP Распределительные Шафы



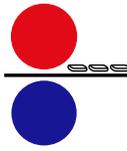


GSP DAĞITIM PANELLERİ

GSP Distribution Panels

GSP Распределительные Шафы



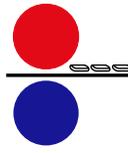


GSP DAĞITIM PANELLERİ

GSP Distribution Panels

GSP Распределительные Шкафы



FİYAT LİSTESİ  
Price List  
ПРАЙС-ЛИСТ.

TALI (ÖRTÜ PLAKALI) (SIVA ÜSTÜ) IP54 FORM1 RAL 7035 Secondary(cover plate)(wall mounted) Вторичные (Защитная пластина) (настенные) IP54 FORM1 RAL 7035.

SİPARİŞ REFERANSI Order Reference Код заказа.

AÇIKLAMA Description ОПИСАНИЕ.

Satış FİYAT (USD)  
Цена продажи (доллары США).

KU060615-1E	600x600x150mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x600x150mm вторичные автоматы, с крышкой (SÜ).	\$339.36
KU060815-1E	600x800x150mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x800x150mm вторичные автоматы, с крышкой (SÜ).	\$408.41
KU061015-1E	600x1000x150mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1000x150mm вторичные автоматы, с крышкой (SÜ).	\$464.39
KU061215-1E	600x1200x150mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1200x150mm вторичные автоматы, с крышкой (SÜ).	\$523.15
KU061415-1E	600x1400x150mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1400x150mm вторичные автоматы, с крышкой (SÜ).	\$604.44
KU061615-1E	600x1600x150mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1600x150mm вторичные автоматы, с крышкой (SÜ).	\$660.72

KU060617-1E	600x600x175mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x600x175mm вторичные автоматы, с крышкой (SÜ).	\$352.65
KU060817-1E	600x800x175mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x800x175mm вторичные автоматы, с крышкой (SÜ).	\$424.00
KU061017-1E	600x1000x175mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1000x175mm вторичные автоматы, с крышкой (SÜ).	\$482.24
KU061217-1E	600x1200x175mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1200x175mm вторичные автоматы, с крышкой (SÜ).	\$543.22
KU061417-1E	600x1400x175mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1400x175mm вторичные автоматы, с крышкой (SÜ).	\$626.74
KU061617-1E	600x1600x175mm tali otomatlı, örtü plakalı (SÜ)	Secondary mcb's, cover plate	600x1600x175mm вторичные автоматы, с крышкой (SÜ).	\$685.28

## 630A-4000A ACIK TIP SALTERLER İÇİN DİKİLİ TİP PANOLAR FORM4 / IP 44 /RAL 7035

ACB For Standing Type Panels 630A-4000A вертикальные панели для открытых автоматических выключателей. FORM4 / IP 44 / RAL 7035

M.GERIN	ABB	ADP MDB	Satış FİYAT (USD) Цена продажи (доллары США).
PNTF3P46-1E	PNTF3P46-1E	450x2200x600mm ADP panosu M.D.B Panel	\$1,380.98
PNTF3P48-1E	PNTF3P48-1E	450x2200x800mm ADP panosu M.D.B Panel	\$1,546.63
PNTF3P41-1E	PNTF3P41-1E	450x2200x1000mm ADP panosu M.D.B Panel	\$1,712.28

M.GERIN NT/NW SERISI 3K 1600A KADAR SALTERLER VE ABB X1 / E1 SERISI 3K 1600A KADAR KULLANILABİLİR  
M.GERIN NT/NW SERIES UP TO 3P MCCB's 1600A and ABB are X1 / E1 3P SERIES AVAILABLE UNTIL 1600A

M.GERIN NT/NW серии 3K автоматические выключатели до 1600A и ABB X1 / E1 серии 3K могут быть использованы до 1600A.

PNVF3P66-1E	PE3F3P66-1E	600x2200x600mm ADP panosu	M.D.B Panel	600x2200x600mm ADP панель.	\$1,509.34
PNVF3P68-1E	PE3F3P68-1E	600x2200x800mm ADP panosu	M.D.B Panel	600x2200x800mm ADP панель.	\$1,679.78
PNVF3P61-1E	PE3F3P61-1E	600x2200x1000mm ADP panosu	M.D.B Panel	600x2200x1000mm ADP панель.	\$1,850.22

M.GERIN NT/MVS/NW SERISI 3K 3200A KADAR SALTERLER VE ABB E2/E3 SERISI 3K 3200A KADAR KULLANILABİLİR  
M.GERIN NT/MVS / NW SERIES UP TO 3P MCCB's 3200A they and ABB E2 / E3 3P SERIES AVAILABLE UNTIL 3200A

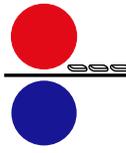
M.GERIN NT/NW серии 3K автоматические выключатели до 3200A и ABB E2 / E3 серии 3K могут быть использованы до 3200A.

PNVF3P86-1E	PE43P86-1E	800x2200x600mm ADP panosu	M.D.B Panel	800x2200x600mm ADP панель.	\$1,696.09
PNVF3P88-1E	PE43P88-1E	800x2200x800mm ADP panosu	M.D.B Panel	800x2200x800mm ADP панель.	\$1,889.72
PNVF3P81-1E	PE43P81-1E	800x2200x1000mm ADP panosu	M.D.B Panel	800x2200x1000mm ADP панель.	\$2,083.35

Kompanzasyon Panoları Silindirik Top Kondansatörler ile dizayn edilmiştir.

Compensation Boards were designed with a cylindrical tube Capacitors.

Компенсационные пластины разработаны при помощи цилиндрических конденсаторов.

FİYAT LİSTESİ  
Price List  
ПРАЙС-ЛИСТ.

M.GERIN NW/MVS SERISI 3K 4000A KADAR SALTERLER VE ABB E4/E6 SERISI 3K 4000A KADAR KULLANILABİLİR  
M.GERIN NW/MVS SERIES UP TO 3P MCCB's 4000A and ABB are the E4 / E6 3P SERIES AVAILABLE UNTIL 4000A

M.GERIN NT/NW series 3K автоматические выключатели до 4000A и ABB E4/ E6 series 3K могут быть использованы до 4000A.

KOMPANZASYON PANOLARI FORM1 / IP 31 /RAL 7035 Compensation Board			КОМПЕНСАЦИОННАЯ ПАНЕЛЬ. Form1 / IP 31 / RAL 7035.		Satış FİYAT (USD) Цена продажи (доллары США).
PK062206-1E	600x2200x600mm Komp panosu	Compensation Board	600x2200x600 mm Comp доска.		\$ 414.57
PK062208-1E	600x2200x800mm Komp panosu	Compensation Board	600x2200x800 mm Comp доска.		\$ 448.46
PK062201-1E	600x2200x1000mm Komp panosu	Compensation Board	600x2200x1000 mm Comp доска.		\$ 482.35
MPK12	50 kVAR kadar Kompanzasyon Montaj Plakası	Compensation Mounting Plate	Компенсационная Монтажная пластина.		\$ 11.00

## DAĞITIM PANOLARI FORM1 / IP 44 /RAL 7035 РАСПРЕДЕЛИТЕЛЬНЫЕ ЩИТЫ FORM1 / IP 44 /RAL 7035.

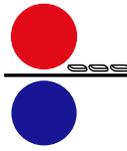
DAĞITIM РАСПРЕДЕЛЕНИЕ.			Satis FİYAT (USD) Цена продажи (доллары США).	
PD082204-1E	800x2200x400mm Şalter girişli otomatlı, örtü sacı	Input MCCB-MCB's, cover plate 800x2200x400-мм автоматический переключатель входов, стальное покрытие.		\$1,820.46
PD082206-1E	800x2200x600mm Şalter girişli otomatlı, örtü sacı	Input MCCB-MCB's, cover plate 800x2200x600-мм автоматический переключатель входов, стальное покрытие.		\$1,993.22
PD082208-1E	800x2200x800mm Şalter girişli otomatlı, örtü sacı	Input MCCB-MCB's, cover plate 800x2200x800-мм автоматический переключатель входов, стальное покрытие.		\$2,164.93
PD082201-1E	800x2200x1000mm Şalter girişli otomatlı, örtü sacı	Input MCCB-MCB's, cover plate 800x2200x1000-мм автоматический переключатель входов, стальное покрытие.		\$2,336.65
MP07	DIN Standartı Ürünler İçin Montaj Plakası ( 20 kutup max kapasite)	DIN Montage Plate for Standard Products (20 poles max capacity) МОНТАЖНАЯ ПЛАСТИНА ДЛЯ ПРОДУКЦИИ СТАНДАРТА DIN. (макс мощность 20 полюсов).		\$54.00
MPK25F5	250A Kadar Kompak Salter Montaj Plakası ve Örtü Sacı	MCCB Montage Plate and cover plate Монтажная пластина компактного коммутатора до 250A и листовое покрытие.		\$54.00
MPK40F10	400A Kadar Kompak Salter Montaj Plakası ve Örtü Sacı	MCCB Montage Plate and cover plate Монтажная пластина компактного коммутатора до 400A и листовое покрытие.		\$70.00
MPK63F10	630A Kadar Kompak Salter Montaj Plakası ve Örtü Sacı	MCCB Montage Plate and cover plate Монтажная пластина компактного коммутатора до 600A и листовое покрытие.		\$110.00

## MCC PANOLARI FORM1 / IP 44 /RAL 7035 MCC Panels ПАНО MCC FORM1 / IP 44 /RAL 7035л.

MCC			Satis FİYAT (USD) Цена продажи (доллары США).	
PD082204-1E	800x2200x400mm MCC (mcc montaj plakalı)	with montage plate	800x2200x400mmMCC (mcc с Монтажной пластиной).	\$1,709.03
PD082206-1E	800x2200x600mm MCC (mcc montaj plakalı)	with montage plate	800x2200x600mmMCC (mcc с Монтажной пластиной).	\$1,881.78
PD082208-1E	800x2200x800mm MCC (mcc montaj plakalı)	with montage plate	800x2200x800mmMCC (mcc с Монтажной пластиной).	\$2,053.50
PD082201-1E	800x2200x1000mm MCC (mcc montaj plakalı)	with montage plate	800x2200x1000mmMCC (mcc с Монтажной пластиной).	\$2,225.21
MPDLO8	22kW max DOL		22kW макс DOL.	\$32.00
MPYU08	15kW MAX YILDIZ UCGEN	Star-delta	15kW макс треугольник звездочка .	\$48.00
MPYU16	45kW MAX YILDIZ UCGEN	Star-delta	45kW макс треугольник звездочка .	\$76.00
MPYU24	90kW MAX YILDIZ UCGEN	Star-delta	90kW макс треугольник звездочка .	\$112.00
MPYU32	200kW MAX YILDIZ UCGEN	Star-delta	200kW макс треугольник звездочка .	\$146.00

## TAMAMLAYACI ÜRÜNLER Supplementary products ДОПОЛНИТЕЛЬНЫЕ ИЗДЕЛИЯ.

YAN KAPAK SIDE COVER			БОКОВАЯ КРЫШКА.		Satis FİYAT (USD) Цена продажи (доллары США).
YK45-1E	450mm yan kapak 1ad	Side Cover	450mm боковая крышка 1шт.		\$253.48
YK60-1E	600mm yan kapak 1ad	Side Cover	600mm боковая крышка 1шт.		\$288.80
YK80-1E	800mm yan kapak 1ad	Side Cover	800mm боковая крышка 1шт.		\$336.27
YK01-1E	1000mm yan kapak 1ad	Side Cover	1000mm боковая крышка 1шт.		\$383.73

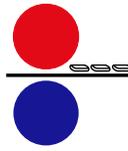


GSP DAĞITIM PANELLERİ

GSP Distribution Panels

GSP Распределительные Шкафы





## ANA BARA VE DAĞITIM BARALARI SEÇİM TABLOLARI (DİKİLİ TİP)

### Main Busbar And Distribution Busbar References Selection Tables (For Stand Alone Panel)

ПАНЕЛИ ГЛАВНОГО ЩИТА И РАСПРЕДЕЛИТЕЛЬНОГО ЩИТА (вертикальный тип)

Seçimlerinizde aşağıdaki notlara dikkat edilmesi gerekmektedir.

- Pano kullanım kapasitesi 72n'dir.
- Sistemdeki amperajı ilk olarak seçiniz. Bu panonuzun derinliğini belirleyecektir. Bu derinliğe göre tüm panonun seçimlerini gerçekleştirmemiz gerekmektedir.
- Panonuzda Busbar bulunuyor ise ve Busbar panonun içine sokulmak istenirse derinliği minimum 800mm alınız.
- Pano içerisinde bir çıkış için altı tane üzerinde akım trafosu varsa satış temsilciniz ile görüşünüz.

#### SEVKİYAT KAPSAMLARI,

Bu katalogdan seçerek sipariş ettiğiniz tüm ürünlerin tamamı özel ambalajında, tüm bağlantı ekipmanları, (civata, pul, yaylı, somun), tanımlama etiketleri ve montaj kılavuzları birlikte sevki edilir.

Aynı zamanda bara sistemini taşıyacak olan izolatör, izolatör montaj sacları, bağlantı aparatları (civata, pul, yaylı, somun), baraların fazlarını tanımlayan etiketler ürünle birlikte sevki edilir.

When you are making your selections please take in account following notes;

- For Floor Standing Panels, panel usage area is 72n.
- Select the main amper rating first. This will affect the depth of your panel. You should make all your selections regarding this depth.
- If you have busbar trunking incoming or outgoing to your panel, and you will use "trunking panel incoming module" inside the panel, you should choose the depth of the panel, min 800mm.
- If there is more than 6 current transformer for one incoming or outgoing inside your panel, contact with your sales representative.

Ordered references will be shipped inside special package, with all necessary connection materials (like screws, nuts..etc), labels and installation guides.

Ordered busbar references will be shipped with insulators which will carry the busbar system, insulator supports, connection materials (like screws, nuts..etc) and the busbar phase labels

Ana Bara-DİKİLİ TİP (3F+N+PE)					
Main Busbar - STAND ALONE PANEL (3F+N+PE)					
Главная шина – вертикального типа - (3F+N+PE).					
A A A	Referans Reference Использование				
	450 mm (W)	600 mm (W)	800 mm (W)	1000 mm (W)	1200 mm (W)
630A	AB06G4-z	AB06G6-z	AB06G8-z		
800A - 1000A	AB10G4-z	AB10G6-z	AB10G8-z		
1250A	AB12G4-z	AB12G6-z	AB12G8-z		
1600A	AB16G4-z	AB16G6-z	AB16G8-z		
2000A	AB20G4-z	AB20G6-z	AB20G8-z		
2500A-3200A	AB32G4-z	AB32G6-z	AB32G8-z		
4000A	AB40G4-z	AB40G6-z	AB40G8-z	AB40G1-z	AB40G2-z
5000A	AB50G4-z	AB50G6-z	AB50G8-z	AB50G1-z	AB50G2-z
6300A	AB63G4-z	AB63G6-z	AB63G8-z	AB63G1-z	AB63G2-z

Dikili Tip Panolarda Stand Alone Panel В панелях вертикального типа.	
Dağıtım İçin Düşey Bara (3F+N+PE) Vertical Busbar For Distribution (3F+N+PE) Вертикальная шина для распределения (3F+N+PE).	
A A A	Referans Reference Использование
250A	BD02-z
400A	BD04-z
630A	BD06-z
800A	BD08-z
1000A	BD10-z
1250A	BD12-z
1600A	BD16-z

"z" Seçim Tablosu "z" Selection Table табло выбора задач "z".	
Kısa Devre (kA)	Referans Reference Использование
50	N
80	S
100	H

Для осуществления выбора задач следует ознакомиться с ниже следующими условиями.

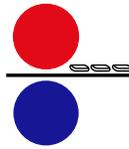
Производственная мощность панели составляет 72n.

В первую очередь выберите ампер тока системы. Это позволит определить глубину панели. По этой глубине, нам нужно выбрать пано. В том случае если на Вашем пано установлен Busbar и если Вы пожелаете, чтобы Busbar был помещен в пано следует преобрести пано глубиной в 800мм. Пожалуйста, обратитесь к торговому представителю, в том случае, если для одной розетки- выхода имеются более шести трансформатора тока.

#### OBYEM И ВИД ПОСТАВКИ,

Вся продукция, которая будет выбрана Вами по этому каталогу, будет доставлена в специальной упаковке, в полной комплектации, включая все соединяющие элементы (болты, шайбы, пружины, гайки), с идентификационными метками и инструкцией по установке.

Кроме того, вместе с продукцией, Вам будут доставлены специальный изолятор, который будет держать систему щитов, стальные монтажные пластины изолятора, комплекты подключения теги (болты, шайбы, пружины, гайки), метки для идентификации фазы щитов.



## 800A-6300A DEVRE KESİCİLERE GÖRE PANO ve BARA SEÇİM TABLOLARI (DİKİLİ TİP)

Seçimlerinizde aşağıdaki notlara dikkat edilmesi gerekmektedir.

- Pano kullanım kapasitesi 72n'dir.
- Sistemdeki amperajı ilk olarak seçiniz. Bu panonuzun derinliğini belirleyecektir. Bu derinliğe görede tüm panonun seçimlerini gerçekleştirmeniz gerekmektedir.
- 'v' versiyon seçerken ana bara'nın pozisyonunu dikkate almanız gerekmektedir. Ana bara'nın pozisyonu giriş bağlantısının tersi yönde seçilmelidir.
- Ral 7035 rengi standart rengimizdir. Kodlar bu renge göre verilmiştir. Farklı renk seçenekleri için satış temsilciniz ile görüşünüz.
- Çekmeceli kompakt şalterler için satış temsilcinizle görüşünüz.
- Dikili tip panolarda standart olarak klemensler montaj plakası üzerinde olduğundan klemens için ayrıca yer bırakılması gerekmez.
- Panonuzda Busbar bulunuyor ise ve Busbar panonun içine sokulmak istenirse derinliği minimum 800mm alınız.

- Pano içerisinde bir çıkış için altı tane üzerinde akım trafosu varsa satış temsilciniz ile görüşünüz.
- Bakır yapısına uygun akım trafosu aşağıdaki şekilde seçilmelidir.

- 40A-630A devre kesicilerinde genişliği 40mm geçmeyen SOCOMEC veya muadili akım trafoları kullanılabilir.
- 800A-3200A devre kesicilerde ADS serisi ALCE marka yada bu boyutta muadili akım trafoları kullanılabilir.
- 4000A devre kesicilerde Sigma marka yada bu boyutta muadili akım trafoları kullanılabilir.
- Cam kapı istenmesi durumunda satış temsilcinizle görüşünüz.
- Kullanılan bara taşıyıcı izolatör sistemleri üreticinin ilgili koddaki en yüksek kısa devre kesme kapasitesindeki ürüne göre dizayn edilmiştir.

### SEVKİYAT KAPSAMLARI,

Bu katalogdan seçerek sipariş ettiğiniz tüm ürünlerin tamamı özel ambalajında, tüm bağlantı ekipmanları, (civata, pul, yaylı, somun), tanımlama etiketleri ve montaj kılavuzları birlikte edilir. Aynı zamanda bara sistemini taşıyacak olan izolatör, izolatör montaj sacları, bağlantı aparatları (civata, pul, yaylı, somun), baraların fazlarını tanımlayan etiketler ürünle birlikte sevk edilir.

### Panel and Busbar Reference Selection Tables For 800A-6.300A Circuit Breakers (For Stand Alone Panel)

When you are making your selections, please take in account following notes;

- For Floor Standing Panels, panel usage area is 72n.
- Select the main amper rating first. This will affect the depth of your panel. You should make all your selections regarding this depth.
- When you are selecting "v", you should consider main busbar position. Main busbar position should be selected reverse direction of incoming connection.
- RAL 7035 is our standard color. All the references are regarding this color. For different color requests please contact with your sales representatives.
- For withdrawable Compact Circuit Breakers please contact with your sales representatives.
- For floor standing panels, since terminals are located in CB mounting plates as GERSAN standard, you don't have to consider additional place for terminals.
- If you have busbar trunking incoming or outgoing to your panel, and you will use "trunking panel incoming module" inside the panel, you should choose the depth of the panel, min 800mm.

- If there is more than 6 current transformer for one incoming or outgoing inside your panel, contact with your sales representative.
- In order to select right size Current Transformer;
  - For 40A-630A circuit breakers, please select SOCOMEC brand ed CT or equivalent CT's which wideness is maximum 40mm.
  - For 800A-3200A circuit breakers, please select ADS series ALCE branded CT or equivalent CT's which are in same size.
  - For 4000A circuit breakers, please select SIGMA branded CT or equivalent CT's which are in same size.
- For transparent door, please contact with sales representatives.
- Used busbar support insulation systems, designed regarding highest short circuit capacity defined by Product Manufacturer.

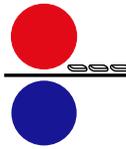
### SHIPMENT DETAILS

Ordered references will be shipped inside special package, with all necessary connection materials (like screws, nuts..etc), labels and installation guides. Ordered busbar references will be shipped with insulators which will carry the busbar system, insulator supports, connection materials (like screws, nuts..etc) and the busbar phase labels.

ТАБЛИЦА ДЛЯ ВЫБОРА ПАНЕЛЕЙ в соответствии с прерывателями ЦЕПИ НА 800А-6300А (вертикальный тип).

Для осуществления выбора задач следует ознакомиться с ниже следующими условиями.

- Производственная мощность панели составляет 72n.
- В первую очередь выберите ампер тока системы. Это позволит определить глубину панели. По этой глубине, нам нужно выбрать задачи пано.
- При выборе версии 'v' следует обратить внимание на позицию главной шины. Следует выбрать позицию главной шины противоположную Входному разьему. Цвет «Ral 7035» является нашим стандартным цветом.
- Все коды предоставлены в соответствии с данным цветом. По поводу различных цветовых вариантов, пожалуйста, обратитесь к торговому представителю. По поводу компактных коммутаторов с выдвижными ящиками пожалуйста, обратитесь к торговому представителю.
- В панелях вертикального типа по причине того, что клемсы по стандарту должны быть расположены на монтажной пластине, для клемсов выделять отдельно место не нужно. В том случае если на Вашем пано установлен Busbar и если Вы пожелаете, чтобы Busbar был помещен в пано следует преобрести пано глубиной в 800мм. Пожалуйста, обратитесь к торговому представителю, в том случае, если для одной розетки- выхода имеются более шести трансформатора тока. Трансформаторы тока соответствующие структуре меди должны выбираться следующим образом. В автоматических выключателях на -40А-630А могут быть использованы трансформаторы тока не превышающие 40 мм в ширину, торговой марки «SOCOMEC» или эквивалентные. В автоматических выключателях на -800А-3200А могут быть использованы трансформаторы тока серии «ADS» торговой марки «ALCE» или соответствующих размеров эквивалентные. В автоматических выключателях на -4000А могут быть использованы трансформаторы тока торговой марки «Sigma» или соответствующих размеров эквивалентные.



### 800A-6300A ABB Marka Devre Kesicilere Göre Pano Seçim Tabloları

Panel reference selection tables for ABB brand 800A-6300A circuit breakers

ТАБЛИЦА ДЛЯ ВЫБОРА АВТОМАТИЧЕСКИХ ВЫКЛЮЧАТЕЛЕЙ НА 800А-6300А ТОРГОВОЙ МАРКИ «АВВ».

#### ABB Açık Tip Devre Kesiciler (SABİT)

ABB ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «АВВ» (Стационарные).

#### "x" Seçim Tablosu

"x" Selection Table

Табло выбора задач "x".

Formlama Tipi Separation Type Тип Формуляции.	Referans Reference Использование
Form 1	1
Form 2	2
Form 3	3
Form 4	4

#### "y" Seçim Tablosu

"y" Selection Table

Табло выбора задач "y".

Ip Seviyesi Ip Level Уровень Ip .	Referans Reference Использование
IP 30	O
IP 44	K
IP 54	E

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimension Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
X1	630A	450X2200x..mm	PX1F3P46-xy	PX1F3P48-xy	PX1F3P41-xy	450X2200x..mm	PX1F4P46-xy	PX1F4P48-xy	PX1F4P41-xy
X1	800A								
X1	1000A								
X1	1250A								
X1	1600A								
E1	800A								
E1	1000A								
E1-E2	1250A								
E1-E2	1600A								
E2	2000A								
E3	2500A	600X2200x..mm	PE2F3P46-xy	PE2F3P48-xy	PE2F3P41-xy	600X2200x..mm	PE2F4P66-xy	PE2F4P68-xy	PE2F4P61-xy
E3	3200A								
E4	4000A	800X2200x..mm	PE3F3P66-xy	PE3F3P68-xy	PE3F3P61-xy	800X2200x..mm	PE3F4P86-xy	PE3F4P88-xy	PE3F4P81-xy
E6	4000A								
E6	5000A								
E6	6300A								
E6f	4000A	1000X2200x..mm	PE4F3P88-xy	PE4F3P81-xy	PE6F3P81-xy	1000X2200x..mm	PE6F4P11-xy	PE6F4P11-xy	PE6F4P11-xy
E6f	5000A								
E6f	6300A								
E6f	6300A	1000X2200x..mm	PE6F3P88-xy	PE6F3P81-xy	PEFF3P11-xy	1000X2200x..mm	PEFF4P11-xy	PEFF4P11-xy	PEFF4P11-xy
E6f	5000A								
E6f	6300A	1000X2200x..mm	PEFF3P11-xy	PEFF3P11-xy	PEFF3P11-xy	1000X2200x..mm	PEFF4P11-xy	PEFF4P11-xy	PEFF4P11-xy
E6f	6300A								

#### ABB Açık Tip Devre Kesiciler (ÇEKMECELİ)

ABB ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «АВВ» (выдвижные).

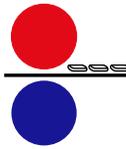
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimension Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
X1	630A	450X2200x..mm	PX1W3P46-xy	PX1W3P48-xy	PX1W3P41-xy	450X2200x..mm	PX1W4P46-xy	PX1W4P48-xy	PX1W4P41-xy
X1	800A								
X1	1000A								
X1	1250A								
X1	1600A								
E1	800A								
E1	1000A								
E1-E2	1250A								
E1-E2	1600A								
E2	2000A								
E3	2500A	600X2200x..mm	PE2W3P46-xy	PE2W3P48-xy	PE2W3P41-xy	600X2200x..mm	PE2W4P66-xy	PE2W4P68-xy	PE2W4P61-xy
E3	3200A								
E4	4000A	800X2200x..mm	PE3W3P68-xy	PE3W3P61-xy	PE4W3P81-xy	800X2200x..mm	PE3W4P88-xy	PE3W4P81-xy	PE3W4P81-xy
E6	4000A								
E6	5000A								
E6	6300A								
E6f	4000A	1000X2200x..mm	PE6W3P11-xy	PE6W3P11-xy	PE6W3P11-xy	1000X2200x..mm	PE6W4P11-xy	PE6W4P11-xy	PE6W4P11-xy
E6f	5000A								
E6f	6300A								
E6f	6300A	1000X2200x..mm	PE6W3P11-xy	PE6W3P11-xy	PE6W3P11-xy	1000X2200x..mm	PE6W4P11-xy	PE6W4P11-xy	PE6W4P11-xy
E6f	5000A								
E6f	6300A	1000X2200x..mm	PE6W3P11-xy	PE6W3P11-xy	PE6W3P11-xy	1000X2200x..mm	PE6W4P11-xy	PE6W4P11-xy	PE6W4P11-xy
E6f	6300A								

#### ABB Kompakt Sabit 800-1600A (motorlu veya motorsuz)

ABB Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «АВВ» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimension Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
T6N, S, H	800A	450X2200x..mm	PT7F3P46-xy	PT7F3P48-xy	PT7F3P41-xy	450X2200x600mm	PT7F4P46-xy	PT7F4P48-xy	PT7F4P41-xy
T6N, S, H	1000A								
T7S, H	1000A								
T7S, H	1250A								
T7S, H	1600A								



## 800A-6300A ABB Marka Devre Kesicilere Göre Bara Seçim Tabloları Busbar Reference Selection Tables For ABB Brand 800A-6300A Circuit Breakers

ТАБЛИЦА ДЛЯ ВЫБОРА АВТОМАТИЧЕСКИХ ВЫКЛЮЧАТЕЛЕЙ НА  
800A-6300A ТОРГОВОЙ МАРКИ «ABB».

### ABB Açık Tip Devre Kesiciler (SABİT) ABB ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой  
марки «ABB» (Стационарные).

"v" Seçim Tablosu "v" Selection Table Табло выбора задач "v".		
Ana Bara Pozisyonu Main Busbar Position Позиция главной шины.	Dış Bağlantı Tipi ve Yönü Outside Connection Direction Тип внешнего соединения и направление.	Referans Reference Использование
Üst	Üst	Q
Üst	Alt	U
Alt	Üst	L
Alt	Alt	T

"i" Seçim Tablosu "i" Selection Table Табло выбора задач "i".			
Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование	Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование
630A	06	2500A - 3200A	32
800A - 1000A	10	4000A	40
1250A	12	5000A	50
1600A	16	6300A	63
2000A	20		

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P						
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Панели.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Панели.				
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)			
X1	630A	450X2200x..mm	BX1F3P066-vi	BX1F3P068-vi	BX1F3P061-vi	450X2200x..mm	BX1F4P066-vi	BX1F4P068-vi	BX1F4P061-vi		
X1	800A		BX1F3P086-vi	BX1F3P088-vi	BX1F3P081-vi		BX1F4P086-vi	BX1F4P088-vi	BX1F4P081-vi		
X1	1000A		BX1F3P106-vi	BX1F3P108-vi	BX1F3P101-vi		BX1F4P106-vi	BX1F4P108-vi	BX1F4P101-vi		
X1	1250A		BX1F3P126-vi	BX1F3P128-vi	BX1F3P121-vi		BX1F4P126-vi	BX1F4P128-vi	BX1F4P121-vi		
X1	1600A		BX1F3P166-vi	BX1F3P168-vi	PX1F3P161-vi		BX1F4P166-vi	BX1F4P168-vi	PX1F4P161-vi		
E1	800A		600X2200x..mm	BE1F3P086-vi	BE1F3P088-vi		BE1F3P081-vi	600X2200x..mm	BE1F4P086-vi	BE1F4P088-vi	BE1F4P081-vi
E1	1000A			BE1F3P106-vi	BE1F3P108-vi		BE1F3P101-vi		BE1F4P106-vi	BE1F4P108-vi	BE1F4P101-vi
E1-E2	1250A			BE2F3P126-vi	BE2F3P128-vi		BE2F3P121-vi		BE2F4P126-vi	BE2F4P128-vi	BE2F4P121-vi
E1-E2	1600A			BE2F3P166-vi	BE2F3P168-vi		BE2F3P161-vi		BE2F4P166-vi	BE2F4P168-vi	BE2F4P161-vi
E2	2000A			BE2F3P206-vi	BE2F3P208-vi		BE2F3P201-vi		BE2F4P206-vi	BE2F4P208-vi	BE2F4P201-vi
E3	2500A	800X2200x..mm		BE3F3P256-vi	BE3F3P258-vi	BE3F3P251-vi	800X2200x..mm		BE3F4P256-vi	BE3F4P258-vi	BE3F4P251-vi
E3	3200A			BE3F3P326-vi	BE3F3P328-vi	BE3F3P321-vi			BE3F4P326-vi	BE3F4P328-vi	BE3F4P321-vi
E4	4000A				BE4F3P408-vi	BE4F3P401-vi				BE4F4P408-vi	BE4F4P401-vi
E6	4000A				BE6F3P408-vi	BE6F3P401-vi				BE6F4P408-vi	BE6F4P401-vi
E6	5000A					BE6F3P501-vi					BE6F4P501-vi
E6	6300A				BE6F3P631-vi				BE6F4P631-vi		
E6f	4000A		1000X2200x..mm			BEFF3P401-vi				BEFF4P401-vi	
E6f	5000A					BEFF3P501-vi				BEFF4P501-vi	
E6f	6300A					BEFF3P631-vi				BEFF4P631-vi	

### ABB Açık Tip Devre Kesiciler (Çekmeceli) ABB ACB Type Circuit Breakers (WITHDRAWABLE)

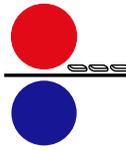
Автоматические выключатели открытого типа торговой  
марки «ABB» (выдвижные).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P						
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Панели.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Панели.				
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)			
X1	630A	450X2200x..mm	BX1W3P066-vi	BX1W3P068-vi	BX1W3P061-vi	450X2200x..mm	BX1W4P066-vi	BX1W4P068-vi	BX1W4P061-vi		
X1	800A		BX1W3P086-vi	BX1W3P088-vi	BX1W3P081-vi		BX1W4P086-vi	BX1W4P088-vi	BX1W4P081-vi		
X1	1000A		BX1W3P106-vi	BX1W3P108-vi	BX1W3P101-vi		BX1W4P106-vi	BX1W4P108-vi	BX1W4P101-vi		
X1	1250A		BX1W3P126-vi	BX1W3P128-vi	BX1W3P121-vi		BX1W4P126-vi	BX1W4P128-vi	BX1W4P121-vi		
X1	1600A		BX1W3P166-vi	BX1W3P168-vi	PX1W3P161-vi		BX1W4P166-vi	BX1W4P168-vi	PX1W4P161-vi		
E1	800A		600X2200x..mm	BE1W3P086-vi	BE1W3P088-vi		BE1W3P081-vi	600X2200x..mm	BE1W4P086-vi	BE1W4P088-vi	BE1W4P081-vi
E1	1000A			BE1W3P106-vi	BE1W3P108-vi		BE1W3P101-vi		BE1W4P106-vi	BE1W4P108-vi	BE1W4P101-vi
E1-E2	1250A			BE2W3P126-vi	BE2W3P128-vi		BE2W3P121-vi		BE2W4P126-vi	BE2W4P128-vi	BE2W4P121-vi
E1-E2	1600A			BE2W3P166-vi	BE2W3P168-vi		BE2W3P161-vi		BE2W4P166-vi	BE2W4P168-vi	BE2W4P161-vi
E2	2000A			800X2200x..mm			BE2W3P208-vi		BE2W3P201-vi	800X2200x..mm	
E3	2500A				BE3W3P258-vi	BE3W3P251-vi			BE3W4P258-vi		BE3W4P251-vi
E3	3200A				BE3W3P328-vi	BE3W3P321-vi			BE3W4P328-vi		BE3W4P321-vi
E4	4000A				BE4W3P408-vi	BE4W3P401-vi			BE4W4P408-vi		BE4W4P401-vi
E6	4000A				BE6W3P408-vi	BE6W3P401-vi			BE6W4P408-vi		BE6W4P401-vi
E6	5000A	1000X2200x..mm				BE6W3P501-vi					BE6W4P501-vi
E6	6300A				BE6W3P631-vi			BE6W4P631-vi			
E6f	4000A					BEFW3P401-vi			BEFW4P401-vi		
E6f	5000A					BEFW3P501-vi			BEFW4P501-vi		
E6f	6300A				BEFW3P631-vi			BEFW4P631-vi			

### ABB Kompakt Sabit 800-1600A (motorlu veya motorsuz)

ABB Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)  
Компактные стационарные торговой марки «ABB» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Панели.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	
T6N, S, H	800A	450X2200x..mm	BT6F3P086-vi	BT6F3P088-vi	BT6F3P081-vi	450X2200x..mm	BT6F4P086-vi	BT6F4P088-vi	BT6F4P081-vi
T6N, S, H	1000A		BT6F3P106-vi	BT6F3P108-vi	BT6F3P101-vi		BT6F4P106-vi	BT6F4P108-vi	BT6F4P101-vi
T7S, H	1000A		BT7F3P106-vi	BT7F3P108-vi	BT7F3P101-vi		BT7F4P106-vi	BT7F4P108-vi	BT7F4P101-vi
T7S, H	1250A		BT7F3P126-vi	BT7F3P128-vi	BT7F3P121-vi		BT7F4P126-vi	BT7F4P128-vi	BT7F4P121-vi
T7S, H	1600A		BT7F3P166-vi	BT7F3P168-vi	BT7F3P161-vi		BT7F4P166-vi	BT7F4P168-vi	BT7F4P161-vi



## 800A-6300A Schneider Electric Marka Devre Kesicilere Göre Pano Seçim Tabloları

### Panel reference selection tables for Schneider Electric brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800A-6300A торговой марки «Schneider Electric».

### Schneider Açık Tip Devre Kesiciler (SABİT)

#### Schneider Electric ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «Schneider Electric» (Стационарные).

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".	
Formlana Tipi Separation Type Тип Формуляции.	Referans Ip Level Использование
Form 1	1
Form 2	2
Form 3	3
Form 4	4

"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Ip Seviyesi Ip Level Уровень Ip.	Referans Reference Использование
IP 30	O
IP 44	K
IP 54	E

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
NT06	630A	450X2200x..mm	PNTF3P46-xy	PNTF3P48-xy	PNTF3P41-xy	450X2200x..mm	PNTF4P46-xy	PNTF4P48-xy	PNTF4P41-xy
NT08	800A								
NT10	1000A								
NT12	1250A								
NT16	1600A								
NW08,MVS08	800A								
NW10,MVS10	1000A								
NW12,MVS12	1250A								
NW16,MVS16	1600A								
NW20,MVS20	2000A								
NW25,MVS25	2500A	600X2200x..mm	PNVF3P66-xy	PNVF3P68-xy	PNVF3P61-xy	600X2200x..mm	PNVF4P66-xy	PNVF4P68-xy	PNVF4P61-xy
NW32,MVS32	3200A								
NW40,MVS40	4000A								
NW40b	4000A	800X2200x..mm	PNWF3P88-xy	PNWF3P81-xy	PNWF3P81-xy	800X2200x..mm	PNWF4P88-xy	PNWF4P81-xy	PNWF4P81-xy
NW50	5000A								
NW63	6300A								
		800X2200x..mm			PNWF3P81-xy	1000X2200x..mm			PNWF4P11-xy

### Schneider Açık Tip Devre Kesiciler (ÇEKMECELİ) Schneider Electric ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «Schneider Electric» (выдвижные).

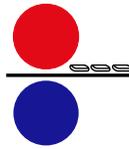
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
NT06	630A	450X2200x..mm	PNTW3P46-xy	PNTW3P48-xy	PNTW3P41-xy	450X2200x..mm	PNTW4P46-xy	PNTW4P48-xy	PNTW4P41-xy
NT08	800A								
NT10	1000A								
NT12	1250A								
NT16	1600A								
NW08	800A								
NW10	1000A								
NW12	1250A								
NW16	1600A								
NW20	2000A								
NW25	2500A	600X2200x..mm	PNVW3P66-xy	PNVW3P68-xy	PNVW3P61-xy	600X2200x..mm	PNVW4P66-xy	PNVW4P68-xy	PNVW4P61-xy
NW32	3200A								
NW40	4000A								
NW40b	4000A	800X2200x..mm	PNVW3P88-xy	PNVW3P81-xy	PNVW3P81-xy	800X2200x..mm	PNVW4P88-xy	PNVW4P81-xy	PNVW4P81-xy
NW50	5000A								
NW63	6300A								
		800X2200x..mm			PNVW3P11-xy	1000X2200x..mm			PNVW4P11-xy

### Schneider Kompakt Sabit 800-1600A (motorlu veya motorsuz)

#### Schneider Electric Compact Circuit Breaker 800-1600A(with motor or without motor)

Компактные стационарные торговой марки «Schneider Electric» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
NS08	800A	450X2200x..mm	PNSF3P46-xy	PNSF3P48-xy	PNSF3P41-xy	450X2200x600mm	PNSF4P46-xy	PNSF4P48-xy	PNSF4P41-xy
NS10	1000A								
NS12	1250A								
NS16	1600A								



## 800A-6300A Schneider Electric Marka Devre Kesicilere Göre Bara Seçim Tabloları

### Busbar reference selection tables for Schneider Electric brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800A-6300A торговой марки «Schneider Electric».

“v” Seçim Tablosu “v” Selection Table Табло выбора задач “v”.		
Ana Bara Pozisyonu Main Busbar Position Позиция главной шины.	Dış Bağlantı Tipi ve Yönü Outside Connection Direction Тип внешнего соединения и направление.	Referans Reference Использование
Üst	Üst	Q
Üst	Ah	U
Ah	Üst	L
Ah	Ah	T

“i” Seçim Tablosu “i” Selection Table Табло выбора задач “i”.			
Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование	Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование
630A	06	2500A - 3200A	32
800A - 1000A	10	4000A	40
1250A	12	5000A	50
1600A	16	6300A	63
2000A	20		

## Schneider Açık Tip Devre Kesiciler (SABİT) Schneider Electric ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «Schneider Electric» (Стационарные).

		3P				4P		
		600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
NT06	630A	BNTF3P066-vi	BNTF3P068-vi	BNTF3P061-vi	450X2200x..mm	BNTF4P066-vi	BNTF4P068-vi	BNTF4P061-vi
NT08	800A	BNTF3P086-vi	BNTF3P088-vi	BNTF3P081-vi		BNTF4P086-vi	BNTF4P088-vi	BNTF4P081-vi
NT10	1000A	BNTF3P106-vi	BNTF3P108-vi	BNTF3P101-vi		BNTF4P106-vi	BNTF4P108-vi	BNTF4P101-vi
NT12	1250A	BNTF3P126-vi	BNTF3P128-vi	BNTF3P121-vi		BNTF4P126-vi	BNTF4P128-vi	BNTF4P121-vi
NT16	1600A	BNTF3P166-vi	BNTF3P168-vi	BNTF3P161-vi		BNTF4P166-vi	BNTF4P168-vi	BNTF4P161-vi
NW08,MVS08	800A	BNVF3P086-vi	BNVF3P088-vi	BNVF3P081-vi		BNVF4P086-vi	BNVF4P088-vi	BNVF4P081-vi
NW10,MVS10	1000A	BNVF3P106-vi	BNVF3P108-vi	BNVF3P101-vi		BNVF4P106-vi	BNVF4P108-vi	BNVF4P101-vi
NW12,MVS12	1250A	BNVF3P126-vi	BNVF3P128-vi	BNVF3P121-vi		BNVF4P126-vi	BNVF4P128-vi	BNVF4P121-vi
NW16,MVS16	1600A	BNVF3P166-vi	BNVF3P168-vi	BNVF3P161-vi		BNVF4P166-vi	BNVF4P168-vi	BNVF4P161-vi
NW20,MVS20	2000A	BNVF3P206-vi	BNVF3P208-vi	BNVF3P201-vi		BNVF4P206-vi	BNVF4P208-vi	BNVF4P201-vi
NW25,MVS25	2500A	BNVF3P256-vi	BNVF3P258-vi	BNVF3P251-vi		BNVF4P256-vi	BNVF4P258-vi	BNVF4P251-vi
NW32,MVS32	3200A	BNVF3P326-vi	BNVF3P328-vi	BNVF3P321-vi		BNVF4P326-vi	BNVF4P328-vi	BNVF4P321-vi
NW40,MVS40	4000A		BNVF3P408-vi	BNVF3P401-vi		BNVF4P408-vi	BNVF4P401-vi	
NW40b	4000A		BNWF3P408-vi	BNWF3P401-vi		BNWF4P408-vi	BNWF4P401-vi	
NW50	5000A			BNWF3P501-vi			BNWF4P501-vi	
NW63	6300A			BNWF3P631-vi			BNWF4P631-vi	

## Schneider Açık Tip Devre Kesiciler (ÇEKMECELİ) Schneider Electric ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «Schneider Electric» (выдвижные).

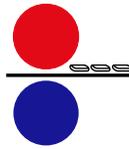
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P			
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference Реферансы Панели.	Pano Referansı Panel Reference Реферансы Панели.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference Реферансы Панели.	Pano Referansı Panel Reference Реферансы Панели.	
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
NT06	630A	450X2200x..mm	BNTW3P066-vi	BNTW3P068-vi	BNTW3P061-vi	BNTW4P066-vi	BNTW4P068-vi	BNTW4P061-vi
NT08	800A		BNTW3P086-vi	BNTW3P088-vi	BNTW3P081-vi	BNTW4P086-vi	BNTW4P088-vi	BNTW4P081-vi
NT10	1000A		BNTW3P106-vi	BNTW3P108-vi	BNTW3P101-vi	BNTW4P106-vi	BNTW4P108-vi	BNTW4P101-vi
NT12	1250A		BNTW3P126-vi	BNTW3P128-vi	BNTW3P121-vi	BNTW4P126-vi	BNTW4P128-vi	BNTW4P121-vi
NT16	1600A		BNTW3P166-vi	BNTW3P168-vi	BNTW3P161-vi	BNTW4P166-vi	BNTW4P168-vi	BNTW4P161-vi
NW08	800A		BNVW3P086-vi	BNVW3P088-vi	BNVW3P081-vi	BNVW4P086-vi	BNVW4P088-vi	BNVW4P081-vi
NW10	1000A		BNVW3P106-vi	BNVW3P108-vi	BNVW3P101-vi	BNVW4P106-vi	BNVW4P108-vi	BNVW4P101-vi
NW12	1250A		BNVW3P126-vi	BNVW3P128-vi	BNVW3P121-vi	BNVW4P126-vi	BNVW4P128-vi	BNVW4P121-vi
NW16	1600A		BNVW3P166-vi	BNVW3P168-vi	BNVW3P161-vi	BNVW4P166-vi	BNVW4P168-vi	BNVW4P161-vi
NW20	2000A			BNVW3P208-vi	BE2W3P201-vi		BNVW4P208-vi	BNVW4P201-vi
NW25	2500A			BNVW3P258-vi	BE3W3P251-vi		BNVW4P258-vi	BNVW4P251-vi
NW32	3200A			BNVW3P328-vi	BE3W3P321-vi		BNVW4P328-vi	BNVW4P321-vi
NW40	4000A		BNVW3P408-vi	BE4W3P401-vi		BNVW4P408-vi	BNVW4P401-vi	
NW40b	4000A		BNVW3P408-vi	BE6W3P401-vi		BNVW4P408-vi	BNVW4P401-vi	
NW50	5000A			BE6W3P501-vi			BNVW4P501-vi	
NW63	6300A			BE6W3P631-vi			BNVW4P631-vi	

## Schneider Kompakt Sabit 800-1600A (motorlu veya motorsuz)

### Schneider Electric Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «Schneider Electric» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P			
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference Реферансы Панели.	Pano Referansı Panel Reference Реферансы Панели.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference Реферансы Панели.	Pano Referansı Panel Reference Реферансы Панели.	
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
NS08	800A	450X2200x..mm	BNSF3P086-vi	BNSF3P088-vi	BNSF3P081-vi	BNSF4P086-vi	BNSF4P088-vi	BNSF4P081-vi
NS10	1000A		BNSF3P106-vi	BNSF3P108-vi	BNSF3P101-vi	BNSF4P106-vi	BNSF4P108-vi	BNSF4P101-vi
NS12	1250A		BNSF3P126-vi	BNSF3P128-vi	BNSF3P121-vi	BNSF4P126-vi	BNSF4P128-vi	BNSF4P121-vi
NS16	1600A		BNSF3P166-vi	BNSF3P168-vi	BNSF3P161-vi	BNSF4P166-vi	BNSF4P168-vi	BNSF4P161-vi



## 800A-6300A SIEMENS Marka Devre Kesicilere Göre Pano Seçim Tabloları

### Panel reference selection tables for SIEMENS brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800А-6300А торговой марки «Siemens».

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".	
Formlama Tipi Separation Type Тип Формуляции.	Referans Reference Использование
Form 1	1
Form 2	2
Form 3	3
Form 4	4

"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Ip Seviyesi Ip Level Уровень Ip.	Referans Reference Использование
IP 30	O
IP 44	K
IP 54	E

## Siemens Açık Tip Devre Kesiciler (SABİT)

### Siemens ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «Siemens» (Стационарные).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Reference	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Reference		
		600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)		
3WL-1	630A	450X2200x..mm	PL1F3P46-xy	PL1F3P48-xy	PL1F3P41-xy	450X2200x..mm	PL1F4P46-xy	PL1F4P48-xy	PL1F4P41-xy
3WL-1	800A								
3WL-1	1000A								
3WL-1	1250A								
3WL-1	1600A								
3WL-1	2000A	600X2200x..mm	PL1F3P66-xy	PL1F3P68-xy	PL1F3P61-xy	600X2200x..mm	PL1F4P66-xy	PL1F4P68-xy	PL1F4P61-xy
3WL-2	800A	450X2200x..mm	PL2F3P46-xy	PL2F3P48-xy	PL2F3P41-xy	600X2200x..mm	PL2F4P66-xy	PL2F4P68-xy	PL2F4P61-xy
3WL-2	1000A								
3WL-2	1250A								
3WL-2	1600A								
3WL-2	2000A								
3WL-2	2500A	600X2200x..mm	PL2F3P66-xy	PL2F3P68-xy	PL2F3P61-xy	800X2200x..mm	PL2F4P86-xy	PL2F4P88-xy	PL2F4P81-xy
3WL-2	3200A								
3WL-2	4000A	800X2200x..mm	PL2F3P88-xy	PL2F3P81-xy	PL3F3P88-xy	800X2200x..mm	PL3F4P88-xy	PL3F4P81-xy	PL3F4P11-xy
3WL-3	4000A								
3WL-3	5000A								
3WL-3	6300A	800X2200x..mm			PL3F3P81-xy	1000X2200x..mm			

## Siemens Açık Tip Devre Kesiciler (ÇEKMECELİ) Siemens ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «Siemens» (выдвижные).

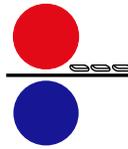
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Reference	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Reference		
		600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)		
3WL-1	630A	450X2200x..mm	PL1W3P46-xy	PL1W3P48-xy	PL1W3P41-xy	450X2200x..mm	PL1W4P46-xy	PL1W4P48-xy	PL1W4P41-xy
3WL-1	800A								
3WL-1	1000A								
3WL-1	1250A								
3WL-1	1600A								
3WL-1	2000A	600X2200x..mm	PL1W3P66-xy	PL1W3P68-xy	PL1W3P61-xy	600X2200x..mm	PL1W4P66-xy	PL1W4P68-xy	PL1W4P61-xy
3WL-2	800A	450X2200x..mm	PL2W3P46-xy	PL2W3P48-xy	PL2W3P41-xy	600X2200x..mm	PL2W4P66-xy	PL2W4P68-xy	PL2W4P61-xy
3WL-2	1000A								
3WL-2	1250A								
3WL-2	1600A								
3WL-2	2000A								
3WL-2	2500A	600X2200x..mm	PL2W3P66-xy	PL2W3P68-xy	PL2W3P61-xy	800X2200x..mm	PL2W4P86-xy	PL2W4P88-xy	PL2W4P81-xy
3WL-2	3200A								
3WL-2	4000A	800X2200x..mm	PL2W3P88-xy	PL2W3P81-xy	PL3W3P88-xy	800X2200x..mm	PL3W4P88-xy	PL3W4P81-xy	PL3W4P11-xy
3WL-3	4000A								
3WL-3	5000A								
3WL-3	6300A	800X2200x..mm			PL3W3P11-xy	1000X2200x..mm			

## Siemens Kompakt Sabit 800-1600A (motorlu veya motorsuz)

### Siemens Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «Siemens» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Reference	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Reference		
		600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)		
VL800	800A	450X2200x..mm	PVLF3P46-xy	PVLF3P48-xy	PVLF3P41-xy	450X2200x600mm	PVLF4P46-xy	PVLF4P48-xy	PVLF4P41-xy
VL1250	1000A								
VL1250	1250A								
VL1600	1600A								



## 800A-6300A SIEMENS Marka Devre Kesicilere Göre Bara Seçim Tabloları Busbar reference selection tables for Siemens brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800А-6300А торговой марки «Siemens».

"v" Seçim Tablosu "v" Selection Table Табло выбора задач "v".		
Ana Bara Pozisyonu Main Busbar Position Позиция главной шины.	Dış Bağlantı Tipi ve Yönü Outside Connection Direction Тип внешнего соединения и направление.	Referans Reference Использование
Üst	Üst	Q
Üst	Alt	U
Alt	Üst	L
Alt	Alt	T

"i" Seçim Tablosu "i" Selection Table Табло выбора задач "i".			
Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование	Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование
630A	06	2500A - 3200A	32
800A - 1000A	10	4000A	40
1250A	12	5000A	50
1600A	16	6300A	63
2000A	20		

## Siemens Açık Tip Devre Kesiciler (SABİT) Siemens ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «Siemens» (Стационарные).

Devre Kesiciler Circuit Breakers Автоматические выключатели.	Pano Boyutu Panel Dimensions Размер Панели .	3P			4P				
		Pano Referansı Panel Reference Реферансы Панели.			Pano Referansı Panel Reference Реферансы Панели.				
		600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)		
3WL-1 630A	450X2200x...mm	BL1F3P066-vi	BL1F3P068-vi	BL1F3P061-vi	450X2200x...mm	BL1F4P066-vi	BL1F4P068-vi	BL1F4P061-vi	
3WL-1 800A		BL1F3P086-vi	BL1F3P088-vi	BL1F3P081-vi		BL1F4P086-vi	BL1F4P088-vi	BL1F4P081-vi	
3WL-1 1000A		BL1F3P106-vi	BL1F3P108-vi	BL1F3P101-vi		BL1F4P106-vi	BL1F4P108-vi	BL1F4P101-vi	
3WL-1 1250A		BL1F3P126-vi	BL1F3P128-vi	BL1F3P121-vi		BL1F4P126-vi	BL1F4P128-vi	BL1F4P121-vi	
3WL-1 1600A		BL1F3P166-vi	BL1F3P168-vi	PL1F3P161-vi		BL1F4P166-vi	BL1F4P168-vi	PL1F4P161-vi	
3WL-1 2000A		600X2200x...mm	BL1F3P206-vi	BL1F3P208-vi		BL1F3P201-vi	BL1F4P206-vi	BL1F4P208-vi	BL1F4P201-vi
3WL-2 800A			BL1F3P086-vi	BL2F3P088-vi		BL2F3P081-vi	BL2F4P086-vi	BL2F4P088-vi	BL2F4P081-vi
3WL-2 1000A			BL2F3P106-vi	BL2F3P108-vi		BL2F3P101-vi	BL2F4P106-vi	BL2F4P108-vi	BL2F4P101-vi
3WL-2 1250A			BL2F3P126-vi	BL2F3P128-vi		BL2F3P121-vi	BL2F4P126-vi	BL2F4P128-vi	BL2F4P121-vi
3WL-2 1600A			BL2F3P166-vi	BL2F3P168-vi		BL2F3P161-vi	BL2F4P166-vi	BL2F4P168-vi	BL2F4P161-vi
3WL-2 2000A	BL2F3P206-vi		BL2F3P208-vi	BL2F3P201-vi	BL2F4P206-vi	BL2F4P208-vi	BL2F4P201-vi		
3WL-2 2500A	600X2200x...mm	BL2F3P256-vi	BL2F3P258-vi	BL2F3P251-vi	BL2F4P256-vi	BL2F4P258-vi	BL2F4P251-vi		
3WL-2 3200A		BL2F3P326-vi	BL2F3P328-vi	BL2F3P321-vi	BL2F4P326-vi	BL2F4P328-vi	BL2F4P321-vi		
3WL-2 4000A		800X2200x...mm	BL2F3P408-vi	BL2F3P401-vi	BL2F3P401-vi	BL2F4P408-vi	BL2F4P401-vi		
3WL-3 4000A			BL3F3P408-vi	BL3F3P401-vi	BL3F3P401-vi	BL3F4P408-vi	BL3F4P401-vi		
3WL-3 5000A	800X2200x...mm			BL3F3P501-vi			BL3F4P501-vi		
3WL-3 6300A				BL3F3P631-vi			BL3F3P631-vi	BL3F4P631-vi	

## Siemens Açık Tip Devre Kesiciler (ÇEKMECELİ) Siemens ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «Siemens» (выдвижные).

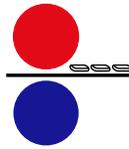
Devre Kesiciler Circuit Breakers Автоматические выключатели.	Pano Boyutu Panel Dimensions Размер Панели .	3P			4P				
		Pano Referansı Panel Reference Реферансы Панели.			Pano Referansı Panel Reference Реферансы Панели.				
		600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)		
3WL-1 630A	450X2200x...mm	BL1W3P066-vi	BL1W3P068-vi	BL1W3P061-vi	450X2200x...mm	BL1W4P066-vi	BL1W4P068-vi	BL1W4P061-vi	
3WL-1 800A		BL1W3P086-vi	BL1W3P088-vi	BL1W3P081-vi		BL1W4P086-vi	BL1W4P088-vi	BL1W4P081-vi	
3WL-1 1000A		BL1W3P106-vi	BL1W3P108-vi	BL1W3P101-vi		BL1W4P106-vi	BL1W4P108-vi	BL1W4P101-vi	
3WL-1 1250A		BL1W3P126-vi	BL1W3P128-vi	BL1W3P121-vi		BL1W4P126-vi	BL1W4P128-vi	BL1W4P121-vi	
3WL-1 1600A		BL1W3P166-vi	BL1W3P168-vi	PL1W3P161-vi		BL1W4P166-vi	BL1W4P168-vi	PL1W4P161-vi	
3WL-1 2000A		600X2200x...mm	BL1W3P206-vi	BL1W3P208-vi		BL1W3P201-vi		BL1W4P208-vi	BL1W4P201-vi
3WL-2 800A			BL2W3P086-vi	BL2W3P088-vi		BL2W3P081-vi	BL2W4P086-vi	BL2W4P088-vi	BL2W4P081-vi
3WL-2 1000A			BL2W3P106-vi	BL2W3P108-vi		BL2W3P101-vi	BL2W4P106-vi	BL2W4P108-vi	BL2W4P101-vi
3WL-2 1250A			BL2W3P126-vi	BL2W3P128-vi		BL2W3P121-vi	BL2W4P126-vi	BL2W4P128-vi	BL2W4P121-vi
3WL-2 1600A			BL2W3P166-vi	BL2W3P168-vi		BL2W3P161-vi	BL2W4P166-vi	BL2W4P168-vi	BL2W4P161-vi
3WL-2 2000A	600X2200x...mm		BL2W3P208-vi	BL2W3P201-vi	BL2W3P201-vi	BL2W4P208-vi	BL2W4P201-vi		
3WL-2 2500A		BL2W3P258-vi	BL2W3P251-vi	BL2W3P251-vi	BL2W4P258-vi	BL2W4P251-vi			
3WL-2 3200A		BL2W3P328-vi	BL2W3P321-vi	BL2W3P321-vi	BL2W4P328-vi	BL2W4P321-vi			
3WL-2 4000A		BL2W3P408-vi	BL2W3P401-vi	BL2W3P401-vi	BL2W4P408-vi	BL2W4P401-vi			
3WL-3 4000A	800X2200x...mm	BL3W3P408-vi	BL3W3P401-vi	BL3W3P401-vi	BL3W4P408-vi	BL3W4P401-vi			
3WL-3 5000A			BL3W3P501-vi	BL3W3P501-vi		BL3W4P501-vi			
3WL-3 6300A	1000X2200x...mm		BL3W3P631-vi	BL3W3P631-vi		BL3W4P631-vi			

## Siemens Kompakt Sabit 800-1600A (motorlu veya motorsuz)

Siemens Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «Siemens» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.	Pano Boyutu Panel Dimensions Размер Панели .	3P			4P		
		Pano Referansı Panel Reference Реферансы Панели.			Pano Referansı Panel Reference Реферансы Панели.		
		600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
VL800 800A	450X2200x...mm	BVLF3P086-vi	BVLF3P088-vi	BVLF3P081-vi	BVLF4P086-vi	BVLF4P088-vi	BVLF4P081-vi
VL1250 1000A		BVLF3P106-vi	BVLF3P108-vi	BVLF3P101-vi	BVLF4P106-vi	BVLF4P108-vi	BVLF4P101-vi
VL1250 1250A		BVLF3P126-vi	BVLF3P128-vi	BVLF3P121-vi	BVLF4P126-vi	BVLF4P128-vi	BVLF4P121-vi
VL1600 1600A		BVLF3P166-vi	BVLF3P168-vi	BVLF3P161-vi	BVLF4P166-vi	BVLF4P168-vi	BVLF4P161-vi



## 800A-6300A EATON Marka Devre Kesicilere Göre Pano Seçim Tabloları Panel reference selection tables for EATON brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800А-6300А торговой марки «EATON».

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".	
Formlama Tipi Separation Type Тип Формуляции.	Referans Reference Использование
Form 1	1
Form 2	2
Form 3	3
Form 4	4

"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Ip Seviyesi Ip Level Уровень Ip .	Referans Reference Использование
IP 30	O
IP 44	K
IP 54	E

## EATON Açık Tip Devre Kesiciler (SABİT) EATON ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «EATON» (Стационарные).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
IZMX16	630A	450X2200x..mm	PZ1F3P46-xy	PZ1F3P48-xy	PZ1F3P41-xy	450X2200x..mm	PZ1F4P46-xy	PZ1F4P48-xy	PZ1F4P41-xy
IZMX16	800A								
IZMX16	1000A								
IZMX16	1250A								
IZMX16	1600A								
IZMX40	800A								
IZMX40	1000A								
IZMX40	1250A								
IZMX40	1600A								
IZMX40	2000A								
IZMX40	2500A								
IZMX40	3200A								
IZMX40	4000A								
IZMX26	5000A								
IZMX26	6300A								
						800X2200x..mm	PZ4F4P86-xy	PZ4F4P88-xy	PZ4F4P81-xy
						1000X2200x..mm			PZ2F4P11-xy

Автоматические выключатели открытого типа торговой марки «EATON» (выдвижные).

## EATON Açık Tip Devre Kesiciler (ÇEKMECELİ) EATON ACB Type Circuit Breakers (WITHDRAWABLE)

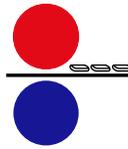
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
IZMX16	630A	450X2200x..mm	PZ1W3P46-xy	PZ1W3P48-xy	PZ1W3P41-xy	450X2200x..mm	PZ1W4P46-xy	PZ1W4P48-xy	PZ1W4P41-xy
IZMX16	800A								
IZMX16	1000A								
IZMX16	1250A								
IZMX16	1600A								
IZMX40	800A								
IZMX40	1000A								
IZMX40	1250A								
IZMX40	1600A								
IZMX40	2000A								
IZMX40	2500A								
IZMX40	3200A								
IZMX40	4000A								
IZMX26	5000A								
IZMX26	6300A								
						800X2200x..mm		PZ4W4P88-xy	PZ4W4P81-xy
						1000X2200x..mm			PZ2W4P11-xy

## EATON Kompakt Sabit 800-1600A (motorlu veya motorsuz)

### EATON Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «EATON» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
LZMN4, NZMH4	800A	450X2200x..mm	PZMF3P46-xy	PZMF3P48-xy	PZMF3P41-xy	450X2200x600mm	PZMF4P46-xy	PZMF4P48-xy	PZMF4P41-xy
LZMN4, NZMH4	1000A								
LZMN4, NZMH4	1250A								
LZMN4, NZMH4	1600A								



## 800A-6300A EATON Marka Devre Kesicilere Göre Bara Seçim Tabloları Busbar reference selection tables for EATON brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800A-6300A торговой марки «EATON».

"v" Seçim Tablosu "v" Selection Table	Табло выбора задач "v".	
Ana Bara Pozisyonu Main Busbar Position Позиция главной шины.	Dış Bağlantı Tipi ve Yönü Outside Connection Direction Тип внешнего соединения и направление.	Referans Reference Использование
Üst	Üst	Q
Üst	Ah	U
Ah	Üst	L
Ah	Ah	T

"i" Seçim Tablosu "i" Selection Table	Табло выбора задач "i".		
Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование	Ana Bara Akımı Main Busbar Current Ток основной шины.	Referans Reference Использование
630A	06	2500A - 3200A	32
800A - 1000A	10	4000A	40
1250A	12	5000A	50
1600A	16	6300A	63
2000A	20		

## Eaton Açık Tip Devre Kesiciler (SABİT)

### EATON ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «EATON» (Стационарные).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference	Referansları Панели.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference	Referansları Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	
IZMX16	630A	450X2200x..mm	BZ1F3P066-vi	BZ1F3P068-vi	BZ1F3P061-vi	BZ1F4P066-vi	BZ1F4P068-vi	BZ1F4P061-vi	
IZMX16	800A		BZ1F3P086-vi	BZ1F3P088-vi	BZ1F3P081-vi	BZ1F4P086-vi	BZ1F4P088-vi	BZ1F4P081-vi	
IZMX16	1000A		BZ1F3P106-vi	BZ1F3P108-vi	BZ1F3P101-vi	BZ1F4P106-vi	BZ1F4P108-vi	BZ1F4P101-vi	
IZMX16	1250A		BZ1F3P126-vi	BZ1F3P128-vi	BZ1F3P121-vi	BZ1F4P126-vi	BZ1F4P128-vi	BZ1F4P121-vi	
IZMX16	1600A		BZ1F3P166-vi	BZ1F3P168-vi	PZ1F3P161-vi	BZ1F4P166-vi	BZ1F4P168-vi	PZ1F4P161-vi	
IZMX40	800A		600X2200x..mm	BZ4F3P086-vi	BZ4F3P088-vi	BZ4F3P081-vi	BZ4F4P086-vi	BZ4F4P088-vi	BZ4F4P081-vi
IZMX40	1000A			BZ4F3P106-vi	BZ4F3P108-vi	BZ4F3P101-vi	BZ4F4P106-vi	BZ4F4P108-vi	BZ4F4P101-vi
IZMX40	1250A			BZ4F3P126-vi	BZ4F3P128-vi	BZ4F3P121-vi	BZ4F4P126-vi	BZ4F4P128-vi	BZ4F4P121-vi
IZMX40	1600A			BZ4F3P166-vi	BZ4F3P168-vi	BZ4F3P161-vi	BZ4F4P166-vi	BZ4F4P168-vi	BZ4F4P161-vi
IZMX40	2000A			BZ4F3P206-vi	BZ4F3P208-vi	BZ4F3P201-vi	BZ4F4P206-vi	BZ4F4P208-vi	BZ4F4P201-vi
IZMX40	2500A	BZ4F3P256-vi		BZ4F3P258-vi	BZ4F3P251-vi	BZ4F4P256-vi	BZ4F4P258-vi	BZ4F4P251-vi	
IZMX40	3200A	BZ4F3P326-vi		BZ4F3P328-vi	BZ4F3P321-vi	BZ4F4P326-vi	BZ4F4P328-vi	BZ4F4P321-vi	
IZMX40	4000A	800X2200x..mm		BZ4F3P408-vi	BZ4F3P401-vi	800X2200x..mm	BZ4F4P408-vi	BZ4F4P401-vi	
IZMX26	5000A			BZ2F3P501-vi	BZ2F3P501-vi		BZ2F4P501-vi		
IZMX26	6300A	800X2200x..mm		BZ2F3P631-vi	BZ2F3P631-vi	1000X2200x..mm	BZ2F4P631-vi	BZ2F4P631-vi	

## EATON Açık Tip Devre Kesiciler (ÇEKMECELİ) EATON ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «EATON» (выдвижные).

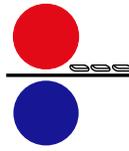
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference	Referansları Панели.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference	Referansları Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	
IZMX16	630A	450X2200x..mm	BW1F3P066-vi	BZ1W3P068-vi	BZ1W3P061-vi	BZ1W4P066-vi	BZ1W4P068-vi	BZ1W4P061-vi	
IZMX16	800A		BW1F3P086-vi	BZ1W3P088-vi	BZ1W3P081-vi	BZ1W4P086-vi	BZ1W4P088-vi	BZ1W4P081-vi	
IZMX16	1000A		BW1F3P106-vi	BZ1W3P108-vi	BZ1W3P101-vi	BZ1W4P106-vi	BZ1W4P108-vi	BZ1W4P101-vi	
IZMX16	1250A		BW1F3P126-vi	BZ1W3P128-vi	BZ1W3P121-vi	BZ1W4P126-vi	BZ1W4P128-vi	BZ1W4P121-vi	
IZMX16	1600A		BW1F3P166-vi	BZ1W3P168-vi	PZ1W3P161-vi	BZ1W4P166-vi	BZ1W4P168-vi	PZ1W4P161-vi	
IZMX40	800A		600X2200x..mm	BW4F3P086-vi	BZ4W3P088-vi	BZ4W3P081-vi	BZ4W4P086-vi	BZ4W4P088-vi	BZ4W4P081-vi
IZMX40	1000A			BW4F3P106-vi	BZ4W3P108-vi	BZ4W3P101-vi	BZ4W4P106-vi	BZ4W4P108-vi	BZ4W4P101-vi
IZMX40	1250A			BW4F3P126-vi	BZ4W3P128-vi	BZ4W3P121-vi	BZ4W4P126-vi	BZ4W4P128-vi	BZ4W4P121-vi
IZMX40	1600A			BW4F3P166-vi	BZ4W3P168-vi	BZ4W3P161-vi	BZ4W4P166-vi	BZ4W4P168-vi	BZ4W4P161-vi
IZMX40	2000A			800X2200x..mm	BZ4W3P208-vi	BZ4W3P201-vi	800X2200x..mm	BZ4W4P208-vi	BZ4W4P201-vi
IZMX40	2500A	BZ4W3P258-vi			BZ4W3P251-vi	BZ4W4P258-vi		BZ4W4P251-vi	
IZMX40	3200A	BZ4W3P328-vi			BZ4W3P321-vi	BZ4W4P328-vi		BZ4W4P321-vi	
IZMX40	4000A	BZ4W3P408-vi			BZ4W3P401-vi	BZ4W4P408-vi		BZ4W4P401-vi	
IZMX26	5000A	1000X2200x..mm			BZ2W3P501-vi	BZ2W3P501-vi		1000X2200x..mm	BZ2W4P501-vi
IZMX26	6300A				BZ2W3P631-vi	BZ2W3P631-vi			BZ2W4P631-vi

## EATON Kompakt Sabit 800-1600A (motorlu veya motorsuz)

### EATON Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «EATON» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P			
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference	Referansları Панели.	Pano Boyutu Panel Dimensions Размер Панели.	Pano Referansı Panel Reference	Referansları Панели.	
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
LZMN4, NZMH4	800A	450X2200x..mm	BZMF3P086-vi	BZMF3P088-vi	BZMF3P081-vi	BZMF4P086-vi	BZMF4P088-vi	BZMF4P081-vi
LZMN4, NZMH4	1000A		BZMF3P106-vi	BZMF3P108-vi	BZMF3P101-vi	BZMF4P106-vi	BZMF4P108-vi	BZMF4P101-vi
LZMN4, NZMH4	1250A		BZMF3P126-vi	BZMF3P128-vi	BZMF3P121-vi	BZMF4P126-vi	BZMF4P128-vi	BZMF4P121-vi
LZMN4, NZMH4	1600A		BZMF3P166-vi	BZMF3P168-vi	BZMF3P161-vi	BZMF4P166-vi	BZMF4P168-vi	BZMF4P161-vi



## 800A-6300A CHINT Marka Devre Kesicilere Göre Pano Seçim Tabloları

Panel reference selection tables for CHINT brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800A-6300A торговой марки «CHINT».

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".	
Formlana Tipi Separation Type Тип Формуляции.	Referans Reference Использование
Form 1	1
Form 2	2
Form 3	3
Form 4	4

"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Ip Seviyesi Ip Level Уровень Ip.	Referans Reference Использование
IP 30	O
IP 44	K
IP 54	E

## CHINT Açık Tip Devre Kesiciler (SABİT) CHINT ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «CHINT» (Стационарные).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
NA1	630A	450X2200x..mm	PA1F3P46-xy	PA1F3P48-xy	PZ1F3P41-xy	600X2200x..mm	PA11F4P66-xy	PA1F4P68-xy	PA1F4P61-xy
NA1	800A								
NA1	1000A								
NA1	1250A								
NA1	1600A								
NA1	2000A	600X2200x..mm	PA1F3P66-xy	PA1F3P68-xy	PA1F3P61-xy	800X2200x..mm	PA1F4P86-xy	PA1F4P88-xy	PA1F4P81-xy
NA1	2500A								
NA1	3200A								
NA1	4000A								
NA1	5000A								
NA1	6300A	800X2200x..mm			PA1F3P81-xy	1000X2200x..mm			PA1F4P11-xy

## CHINT Açık Tip Devre Kesiciler (ÇEKMECELİ) CHINT ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «CHINT» (выдвижные).

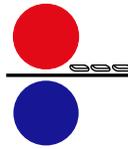
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
NA1	630A	450X2200x..mm	PA1W3P46-xy	PA1W3P48-xy	PA1W3P41-xy	600X2200x..mm	PA1W4P66-xy	PA1W4P68-xy	PA1W4P61-xy
NA1	800A								
NA1	1000A								
NA1	1250A								
NA1	1600A								
NA1	2000A	600X2200x..mm	PA1W3P66-xy	PA1W3P68-xy	PA1W3P61-xy	800X2200x..mm	PA1W4P86-xy	PA1W4P88-xy	PA1W4P81-xy
NA1	2500A								
NA1	3200A								
NA1	4000A								
NA1	5000A								
NA1	6300A	1000X2200x..mm			PA1W3P11-xy	1000X2200x..mm			PA1W4P11-xy

## CHINT Kompakt Sabit 800-1600A (motorlu veya motorsuz)

### CHINT Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «CHINT» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.			Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference Реферансы Панели.		
			600 mm (D)	800 mm (D)	1000 mm (D)		600 mm (D)	800 mm (D)	1000 mm (D)
NM8 (S)-800	800A	450X2200x..mm	PNMF3P46-xy	PNMF3P48-xy	PNMF3P41-xy	450X2200x600mm	PNMF4P46-xy	PNMF4P48-xy	PNMF4P41-xy
NM8 (S)-1250	1000A								
NM8 (S)-1250	1250A								
NM8S-1600	1600A								



## 800A-6300A CHINT Marka Devre Kesicilere Göre Bara Seçim Tabloları Busbar reference selection tables for CHINT brand 800A-6300A circuit breakers

Табло выбора задач для автоматических выключателей на 800A-6300A торговой марки «CHINT».

"v" Seçim Tablosu Main Busbar Position Позиция главной шины.	"v" Selection Table Dış Bağlantı Tipi ve Yönü Outside Connection Direction Тип внешнего соединения и направление.	Табло выбора задач "v". Referans Reference Использование
Üst	Üst	Q
Alt	Alt	U
Alt	Üst	L
Alt	Alt	T

"i" Seçim Tablosu Main Busbar Current Ток основной шины.	"i" Selection Table Referans Reference Использование	Табло выбора задач "i". Main Busbar Current Ток основной шины.	Referans Reference Использование
630A	06	2500A - 3200A	32
800A - 1000A	10	4000A	40
1250A	12	5000A	50
1600A	16	6300A	63
2000A	20		

## CHINT Açık Tip Devre Kesiciler (SABİT) CHINT ACB Type Circuit Breakers (FIXED)

Автоматические выключатели открытого типа торговой марки «CHINT» (Стационарные).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Referansı	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Referansı		
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	
NA1	630A	450X2200x..mm	BA1F3P066-vi	BA1F3P068-vi	BA1F3P061-vi	600X2200x..mm	BA1F4P066-vi	BA1F4P068-vi	BA1F4P061-vi
NA1	800A		BA1F3P086-vi	BA1F3P088-vi	BA1F3P081-vi		BA1F4P086-vi	BA1F4P088-vi	BA1F4P081-vi
NA1	1000A		BA1F3P106-vi	BA1F3P108-vi	BA1F3P101-vi		BA1F4P106-vi	BA1F4P108-vi	BA1F4P101-vi
NA1	1250A		BA1F3P126-vi	BA1F3P128-vi	BA1F3P121-vi		BA1F4P126-vi	BA1F4P128-vi	BA1F4P121-vi
NA1	1600A		BA1F3P166-vi	BA1F3P168-vi	PA1F3P161-vi		BA1F4P166-vi	BA1F4P168-vi	PA1F4P161-vi
NA1	2000A	600X2200x..mm	BA4F3P120-vi	BA1F3P208-vi	BA1F3P201-vi		BA1F4P206-vi	BA1F4P208-vi	BA1F4P201-vi
NA1	2500A		BA4F3P125-vi	BA1F3P258-vi	BA1F3P251-vi		BA1F4P256-vi	BA1F4P258-vi	BA1F4P251-vi
NA1	3200A		BA4F3P132-vi	BA1F3P328-vi	BA1F3P321-vi		BA1F4P326-vi	BA1F4P328-vi	BA1F4P321-vi
NA1	4000A		800X2200x..mm	BA1F3P408-vi	BA1F3P401-vi		800X2200x..mm	BA1F4P408-vi	BA1F4P401-vi
NA1	5000A			BA1F3P501-vi	BA1F3P501-vi				BA1F4P501-vi
NA1	6300A	800X2200x..mm	BA1F3P631-vi	BA1F3P631-vi	1000X2200x..mm		BA1F4P631-vi		

## CHINT Açık Tip Devre Kesiciler (ÇEKMECELİ) CHINT ACB Type Circuit Breakers (WITHDRAWABLE)

Автоматические выключатели открытого типа торговой марки «CHINT» (выдвижные).

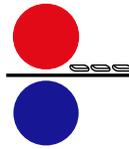
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P					
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Referansı	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Referansı			
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)		
NA1	630A	450X2200x..mm	BA1W3P066-vi	BA1W3P068-vi	BA1W3P061-vi	600X2200x..mm	BA1W4P066-vi	BA1W4P068-vi	BA1W4P061-vi	
NA1	800A		BA1W3P086-vi	BA1W3P088-vi	BA1W3P081-vi		BA1W4P086-vi	BA1W4P088-vi	BA1W4P081-vi	
NA1	1000A		BA1W3P106-vi	BA1W3P108-vi	BA1W3P101-vi		BA1W4P106-vi	BA1W4P108-vi	BA1W4P101-vi	
NA1	1250A		BA1W3P126-vi	BA1W3P128-vi	BA1W3P121-vi		BA1W4P126-vi	BA1W4P128-vi	BA1W4P121-vi	
NA1	1600A		BA1W3P166-vi	BA1W3P168-vi	PA1W3P161-vi		BA1W4P166-vi	BA1W4P168-vi	PA1W4P161-vi	
NA1	2000A	600X2200x..mm	BA4W3P208-vi	BA4W3P201-vi	800X2200x..mm		BA4W4P208-vi	BA4W4P201-vi		
NA1	2500A		BA4W3P258-vi	BA4W3P251-vi			BA4W4P258-vi	BA4W4P251-vi		
NA1	3200A		BA4W3P328-vi	BA4W3P321-vi			BA4W4P328-vi	BA4W4P321-vi		
NA1	4000A		800X2200x..mm	BA4W3P408-vi			BA4W3P401-vi	800X2200x..mm	BA4W4P408-vi	BA4W4P401-vi
NA1	5000A			BA4W3P501-vi			BA4W3P501-vi		BA4W4P501-vi	
NA1	6300A	1000X2200x..mm	BA4W3P631-vi	BA4W3P631-vi		1000X2200x..mm		BA4W4P631-vi		

## CHINT Kompakt Sabit 800-1600A (motorlu veya motorsuz)

### CHINT Compact Circuit Breaker 800-1600A (with motor or without motor) (FIXED)

Компактные стационарные торговой марки «CHINT» 800-1600A (с мотором или без мотора).

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P			4P				
Tip Type Тип.	Akım Current Ток.	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Referansı	Pano Boyutu Panel Dimensions Размер Панели .	Pano Referansı Panel Reference	Referansları Panel Referansı		
			600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	
NM8 (S)-800	800A	450X2200x..mm	BNMF3P086-vi	BNMF3P088-vi	BNMF3P081-vi	450X2200x..mm	BNMF4P086-vi	BNMF4P088-vi	BNMF4P081-vi
NM8 (S)-1250	1000A		BNMF3P106-vi	BNMF3P108-vi	BNMF3P101-vi		BNMF4P106-vi	BNMF4P108-vi	BNMF4P101-vi
NM8 (S)-1250	1250A		BNMF3P126-vi	BNMF3P128-vi	BNMF3P121-vi		BNMF4P126-vi	BNMF4P128-vi	BNMF4P121-vi
NM8S-1600	1600A		BNMF3P166-vi	BNMF3P168-vi	BNMF3P161-vi		BNMF4P166-vi	BNMF4P168-vi	BNMF4P161-vi



## 630A KADAR TÜM MARKA DEVRE KESİCİLERE GÖRE DAĞITIM PANOSU, KABLO VE BARA SEÇİM TABLOLARI (DİKİLİ TİP)

Seçimlerinizde aşağıdaki notlara dikkat edilmesi gerekmektedir.

- Pano kullanım kapasitesi 72n'dir.
- Sistemdeki amperajı ilk olarak seçiniz. Bu panonunuz derinliğini belirleyecektir. Bu derinliğe göre de tüm panonun seçimlerini gerçekleştirmeniz gerekmektedir.
- Schneider Electric 630A'e kadar kompakt şalterlerde CVS serisine motor takılmadığı için motorlu örtü plakası verilmiştir.
- Bakır yapısına uygun akım trafosu aşağıdaki şekilde seçilmelidir.
- 40A-630A devre kesicilerinde genişliği 40mm geçmeyen SOCOMEC veya muadili akım trafoları kullanılabilir.
- 800A-3200A devre kesicilerde ADS serisi ALCE marka yada bu boyutta muadili akım trafoları kullanılabilir.
- 4000A devre kesicilerde Sigma marka yada bu boyutta muadili akım trafoları kullanılabilir.

### SEVKİYAT KAPSAMLARI,

Bu katalogdan seçerek sipariş ettiğiniz tüm ürünlerin tamamı özel ambalajında, tüm bağlantı ekipmanları, (civata, pul, yaylı, somun), tanımlama etiketleri ve montaj kılavuzları birlikte sevk edilir. Aynı zamanda bara sistemini taşıyacak olan izolatörler, izolatör montaj sacları, bağlantı aparatları (civata, pul, yaylı, somun), baraların fazlarını tanımlayan etiketler ürünle birlikte sevk edilir.

### DISTRIBUTION PANEL, CABLE and BUSBAR REFERENCE SELECTION TABLES FOR ALL BRAND CIRCUIT BREAKERS UP TO 630A (FOR STAND ALONE PANEL)

*When you are making your selections, please take in account following notes:*

- For Floor Standing Panels, panel usage area is 72n.
- Select the main amper rating first. This will affect the depth of your panel. You should make all your selections regarding this depth.
- For CVS type Schneider Electric branded Compact Circuit Breakers up to 630A, "front plate for motorized CB" is not offered since CVS can't be used with motor.
- In order to select right size Current Transformer;
- For 40A-630A circuit breakers, please select SOCOMEC branded CT or equivalent CT's which wideness is maximum 40 mm.
- For 800A-3200A circuit breakers, please select ADS series ALCE branded CT or equivalent CT's which are in same size.
- For 4000A circuit breakers, please select SIGMA branded CT or equivalent CT's which are in same size.

### SHIPMENT DETAILS

*Ordered references will be shipped inside special package, with all necessary connection materials (like screws, nuts..etc), labels and installation guides. Ordered busbar references will be shipped with insulators which will carry the busbar system, insulator supports, connection materials (like screws, nuts..etc) and the busbar phase labels.*

ТАБЛИЦЫ ДЛЯ ВЫБОРА РАСПРЕДЕЛИТЕЛЬНЫХ ПАНЕЛЕЙ, ПРОВОДОВ И ШИН В СООТВЕТСТВИИ С АВТОМАТИЧЕСКИМИ ВЫКЛЮЧАТЕЛЯМИ ДО 630А ВСЕХ ВИДОВ ТОРГОВЫХ МАРОК. (вертикального типа).

В первую очередь выберите ампер тока системы. Это позволит определить глубину панели. По этой глубине, нам нужно осуществлять все наши дальнейшие выборы для пано. По причине того, что в компактные коммутаторы до 630А серии «CVS» торговой марки «Schneider Electric», не возможно осуществление подключения мотора, предоставляется моторизованная лицевая панель.

Трансформаторы тока соответствующие структуре меди должны выбираться следующим образом.

- В автоматических выключателях на -40А-630А могут быть использованы трансформаторы тока не превышающие 40 мм в ширину, торговой марки «SOCOMEC» или эквивалентные.
- В автоматических выключателях на -800А-3200А могут быть использованы трансформаторы тока серии «ADS» торговой марки «ALCE» или соответствующих размеров эквивалентные.
- В автоматических выключателях на -4000А могут быть использованы трансформаторы тока торговой марки «Sigma» или соответствующих размеров эквивалентные.

Пожалуйста, обратитесь к торговому представителю, в том случае, если вы желаете, чтобы Ваша продукция была оснащена стеклянными крышками.

В том случае если на Вашем пано установлен Busbar и если Вы пожелаете, чтобы Busbar был помещен в пано следует приобрести пано глубиной в 800мм.

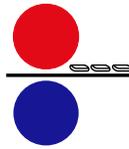
Цвет «Ral 7035» является нашим стандартным цветом. Все коды предоставлены в соответствии с данным цветом. По поводу различных цветовых вариантов, пожалуйста, обратитесь к торговому представителю.

По поводу компактных коммутаторов с выдвигаемыми ящиками пожалуйста, обратитесь к торговому представителю.

В панелях вертикального типа по причине того, что клеммы по стандарту должны быть расположены на монтажной пластине, для клемм выделять отдельно место не нужно.

- Cam kapı istenmesi durumunda satış temsilcinizle görüşünüz.
- Panonuzda Busbar bulunuyor ise ve Busbar panonun içine sokulmak istenirse derinliği minimum 800mm alınız.
- Ral 7035 rengi standart rengimizdir. Kodlar bu renge göre verilmiştir. Farklı renk seçenekleri için satış temsilciniz ile görüşünüz.
- Çekmeceli kompakt şalterler için satış temsilciniz ile görüşünüz.
- Dikili tip panolarda standart olarak klemensler montaj plakası üzerinde olduğundan klemens için ayrıca yer bırakılması gerekmez.

- For transparent door, please contact with sales representatives.
- If you have busbar trunking incoming or outgoing to your panel, and you will use "trunking panel incoming module" inside the panel, you should choose the depth of the panel, min 800 mm.
- RAL 7035 is our standart colour. All the references are regarding this color.
- For withdrawable Compact Circuit Breakers please contact with your sales representatives.
- For floor standing panels, since terminals are located in CB mounting plates as GERSAN standard, you don't have to consider additional place for terminals.



## 630A Kadar Tüm Marka Devre Kesicilere Göre Dağıtım Panosu Seçim Tabloları

### Distribution Panel Selection Tables Up To 630A for all brand Circuit Breakers (STAND ALONE)

Таблицы для выбора распределительных панелей в соответствии с автоматическими выключателями до 630а всех видов торговых марок.

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".		"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Formlama Tipi Separation Type Тип Формуляции.	Referans Reference Использование	Ip Seviyesi Ip Level Уровень Ip .	Referans Reference Использование
Form 1	1	IP 30	Q
Form 2	2	IP 44	K
Form 3	3	IP 54	E
Form 4	4		

## 630A e Kadar Tüm Marka Devre Kesiciler İçin Dağıtım Panosu

### Distribution Panel Selection Tables up to 630A for all brand Circuit Breakers

Таблицы для выбора распределительных панелей для автоматических выключателей до 630а всех видов торговых марок.

PANO DİKİLİ TİP Panel (STAND ALONE) ПАНЕЛЬ ВЕРТИКАЛЬНОГО ТИПА.	Boyut mm Размеры мм.		400 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	n
	630A e kadar tüm marka devre kesiciler için Dağıtım Panosu Distribution Panel Selection Tables up to 630A for all brand Circuit Breakers Таблицы для выбора распределительных панелей для автоматических выключателей до 630а всех видов торговых марок.	800x2200x..		PD082204-xy	PD082206-xy	PD082208-xy	PD082201-xy

## ABB Kompakt Sabit 630A e Kadar Montaj ve Örtü Plakaları

### Mounting and Front Plates up to 630A ABB Brand Compact Fixed Circuit Breakers

Компактные, Стационарные, установочные лицевые панели до 630А и накладочные лицевые панели, торговой марки «ABB».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P						4P					
	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n	
XT1N, S, H	160A'e kadar	MPK16F5	OPXT1F3P5	OPXT1F3P5M	125	5	MPK16F5	OPXT1F4P5	OPXT1F4P5M	125	5	
XT2N, S	160A'e kadar	MPK16F5	OPXT2F3P5	OPXT2F3P5M	125	5	MPK16F5	OPXT2F4P5	OPXT2F4P5M	125	5	
XT3N, S, H	250A'e kadar	MPK25F5	OPXT3F3P5	OPXT3F3P5M	125	5	MPK25F7	OPXT3F4P7	OPXT3F4P7M	175	7	
XT4N, S	250A'e kadar	MPK25F5	OPXT4F3P5	OPXT4F3P5M	125	5	MPK25F7	OPXT4F4P7	OPXT4F4P7M	175	7	
T4S	320A'e kadar	MPK32F5	OPT4F3P5	OPT4F3P5M	125	5	MPK32F7	OPT4F4P7	OPT4F4P7M	175	7	
T5N, S, H	400A	MPK40F10	OPT5F3P10	OPT5F3P10M	250	10	MPK40F10	OPT5F4P10	OPT5F4P10M	250	10	
T6N, S, H	630A	MPK63F10	OPT6F3P10	OPT6F3P10M	250	10	MPK63F14	OPT6F4P14	OPT6F4P14M	350	14	

## Schneider Kompakt Sabit 630A e kadar Montaj ve Örtü Plakaları

### Mounting and Front Plates up to 630A Schneider Electric Brand Compact Fixed Circuit Breakers

Компактные, Стационарные, установочные лицевые панели до 630А и накладочные лицевые панели, торговой марки «Schneider».

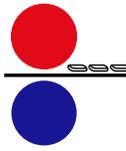
Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P						4P					
	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n	
NSX, CVS	250A'e kadar	MPK25F5	OPNCF3P5	OPNSF3P5M	125	5	MPK25F7	OPNCF4P7	OPNSF4P7M	175	7	
NSX, CVS	630A'e kadar	MPK63F5	OPNCF3P10	OPNSF3P10M	250	10	MPK63F14	OPNCF4P14	OPNSF4P14M	350	14	

## Siemens Kompakt Sabit 630A e kadar Montaj ve Örtü Plakaları

### Mounting and Front Plates up to 630A Schneider Electric Brand Compact Fixed Circuit Breakers

Компактные, Стационарные, установочные лицевые панели до 630А и накладочные лицевые панели, торговой марки «Siemens».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P						4P					
	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n	
VL160, 160X	160A'e kadar	MPK16F5	OPVLF3P5	OPVLF3P5M	125	5	MPK16F5	OPVLF4P5	OPVLF4P5M	125	5	
VL250	250A'e kadar	MPK25F5	OPVLF3P5	OPVLF3P5M	125	5	MPK25F7	OPVLF4P7	OPVLF4P7M	175	7	
VL400	400A	MPK40F10	OPVLF3P10	OPVLF3P10M	250	10	MPK40F10	OPVLF4P10	OPVLF4P10M	250	10	
VL630	630A	MPK63F10	OPVLF3P10	OPVLF3P10M	250	10	MPK63F14	OPVLF4P14	OPVLF4P14M	350	14	



## 630A Kadar Tüm Marka Devre Kesicilere Göre Kablo ve Bara Bağlantı Seçim Tabloları Semi Finished Cable and Busbar Selection Tables up to 630A for all brand Circuit Breakers (STAND ALONE)

Таблицы для выбора проводки и шин в соответствии с автоматическими выключателями до 630А всех видов торговых марок.

### ABB Kompakt Şalter Sabit 40A-250A Kablo Bağlantı Seti

#### Semi Finished Cable Set For ABB brand Compact Fixed Circuit Breaker 40A-250A

Монтажный комплект для стационарных компактных переключателей 40А-250А торговой марки «ABB».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.			Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.		
XT	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
40A'e kadar	KXT3P040D6	KXT3P040D8	KXT3P040D1	KXT4P040D6	KXT4P040D8	KXT4P040D1
63A'e kadar	KXT3P060D6	KXT3P060D8	KXT3P060D1	KXT4P060D6	KXT4P060D8	KXT4P060D1
80A	KXT3P080D6	KXT3P080D8	KXT3P080D1	KXT4P080D6	KXT4P080D8	KXT4P080D1
100A	KXT3P100D6	KXT3P100D8	KXT3P100D1	KXT4P100D6	KXT4P100D8	KXT4P100D1
125A	KXT3P125D6	KXT3P125D8	KXT3P125D1	KXT4P125D6	KXT4P125D8	KXT4P125D1
160A	KXT3P160D6	KXT3P160D8	KXT3P160D1	KXT4P160D6	KXT4P160D8	KXT4P160D1
200A	KXT3P200D6	KXT3P200D8	KXT3P200D1	KXT4P200D6	KXT4P200D8	KXT4P200D1
250A	KXT3P250D6	KXT3P250D8	KXT3P250D1	KXT4P250D6	KXT4P250D8	KXT4P250D1

### ABB Kompakt Şalter Sabit 400A-630A Bara Bağlantı Seti

#### Semi Finished Busbar Set For ABB brand Compact Fixed Circuit Breaker 400A-630A

Монтажный комплект шин для стационарных компактных переключателей 400А-630А торговой марки «ABB».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.			Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.		
TİP Type Тип.	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
T5 - 400A (Motorsuz)	BT53P40D6	BT53P40D8	BT53P40D1	BT54P40D6	BT54P40D8	BT54P40D1
T6 - 630A (Motorsuz)	BT63P63D6	BT63P63D8	BT63P63D1	BT64P63D6	BT64P63D8	BT64P63D1
T5 - 400A (Motorlu)	BT53P40D6M	BT53P40D8M	BT53P40D1M	BT54P40D6M	BT54P40D8M	BT54P40D1M
T6 - 630A (Motorlu)	BT63P63D6M	BT63P63D8M	BT63P63D1M	BT64P63D6M	BT64P63D8M	BT64P63D1M

### Schneider Kompakt Şalter Sabit 40A-250A Kablo Bağlantı Seti

#### Semi Finished Cable Set For Schneider Electric brand Compact Fixed Circuit Breaker 40A-250A

Монтажный комплект для стационарных компактных переключателей 40А-250А торговой марки «Schneider».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.			Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.		
NSX ve CVS	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
40A'e kadar	KNC3P040D6	KNC3P040D8	KNC3P040D1	KNC4P040D6	KNC4P040D8	KNC4P040D1
63A'e kadar	KNC3P060D6	KNC3P060D8	KNC3P060D1	KNC4P060D6	KNC4P060D8	KNC4P060D1
80A	KNC3P080D6	KNC3P080D8	KNC3P080D1	KNC4P080D6	KNC4P080D8	KNC4P080D1
100A	KNC3P100D6	KNC3P100D8	KNC3P100D1	KNC4P100D6	KNC4P100D8	KNC4P100D1
125A	KNC3P125D6	KNC3P125D8	KNC3P125D1	KNC4P125D6	KNC4P125D8	KNC4P125D1
160A	KNC3P160D6	KNC3P160D8	KNC3P160D1	KNC4P160D6	KNC4P160D8	KNC4P160D1
200A	KNC3P200D6	KNC3P200D8	KNC3P200D1	KNC4P200D6	KNC4P200D8	KNC4P200D1
250A	KNC3P250D6	KNC3P250D8	KNC3P250D1	KNC4P250D6	KNC4P250D8	KNC4P250D1

### Schneider Kompakt Şalter Sabit 400A-630A Bara Bağlantı Seti

#### Semi Finished Busbar Set For Schneider Electric brand Compact Fixed Circuit Breaker 400A-630A

Монтажный комплект шин для стационарных компактных переключателей 400А-630А торговой марки «Schneider».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.			Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.		
NSX ve CVS TİP Type Тип.	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
400A (Motorsuz)	BNC3P40D6	BNC3P40D8	BNC3P40D1	BNC4P40D6	BNC4P40D8	BNC4P40D1
630A (Motorsuz)	BNC3P63D6	BNC3P63D8	BNC3P63D1	BNC4P63D6	BNC4P63D8	BNC4P63D1
400A (Motorlu)	BNC3P40D6M	BNC3P40D8M	BNC3P40D1M	BNC4P40D6M	BNC4P40D8M	BNC4P40D1M
630A (Motorlu)	BNC3P63D6M	BNC3P63D8M	BNC3P63D1M	BNC4P63D6M	BNC4P63D8M	BNC4P63D1M

## 630A Kadar Tüm Marka Devre Kesicilere Göre Kablo ve Bara Bağlantı Seçim Tabloları Semi Finished Cable and Busbar Selection Tables up to 630A for all brand Circuit Breakers (STAND ALONE)

Таблицы для выбора проводки и шин в соответствии с автоматическими выключателями до 630A всех видов торговых марок.

### Siemens Kompakt Şalter Sabit 40A-250A Bara Bağlantı Seti Semi Finished Busbar Set For Siemens brand Compact Fixed Circuit Breaker 40A-250A

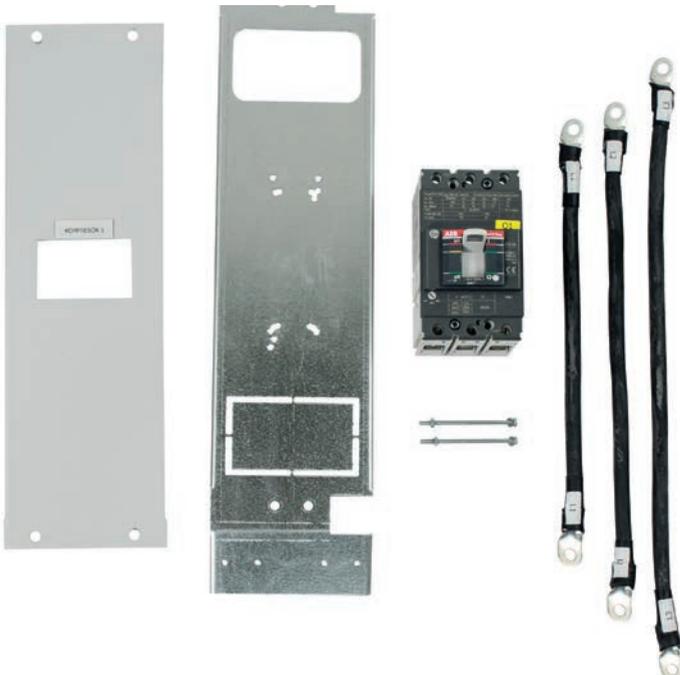
Монтажный комплект шин для стационарных компактных переключателей 40A-250A торговой марки «Siemens».

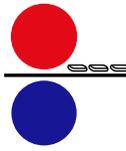
Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.			Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.		
VL	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
40A'e kadar	KVL3P040D6	KVL3P040D8	KVL3P040D1	KVL4P040D6	KVL4P040D8	KVL4P040D1
63A'e kadar	KVL3P060D6	KVL3P060D8	KVL3P060D1	KVL4P060D6	KVL4P060D8	KVL4P060D1
80A	KVL3P080D6	KVL3P080D8	KVL3P080D1	KVL4P080D6	KVL4P080D8	KVL4P080D1
100A	KVL3P100D6	KVL3P100D8	KVL3P100D1	KVL4P100D6	KVL4P100D8	KVL4P100D1
125A	KVL3P125D6	KVL3P125D8	KVL3P125D1	KVL4P125D6	KVL4P125D8	KVL4P125D1
160A	KVL3P160D6	KVL3P160D8	KVL3P160D1	KVL4P160D6	KVL4P160D8	KVL4P160D1
200A	KVL3P200D6	KVL3P200D8	KVL3P200D1	KVL4P200D6	KVL4P200D8	KVL4P200D1
250A	KVL3P250D6	KVL3P250D8	KVL3P250D1	KVL4P250D6	KVL4P250D8	KVL4P250D1

### Siemens Kompakt Şalter Sabit 400A-630A Bara Bağlantı Seti Semi Finished Busbar Set For Siemens brand Compact Fixed Circuit Breaker 400A-630A

Монтажный комплект шин для стационарных компактных переключателей 400A-630A торговой марки «Siemens».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.			Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.		
VL TİP Type Тип.	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
400A (Motorsuz)	BVL3P40D6	BVL3P40D8	BVL3P40D1	BVL4P40D6	BVL4P40D8	BVL4P40D1
630A (Motorsuz)	BVL3P63D6	BVL3P63D8	BVL3P63D1	BVL4P63D6	BVL4P63D8	BVL4P63D1
400A (Motorlu)	BVL3P40D6M	BVL3P40D8M	BVL3P40D1M	BVL4P40D6M	BVL4P40D8M	BVL4P40D1M
630A (Motorlu)	BVL3P63D6M	BVL3P63D8M	BVL3P63D1M	BVL4P63D6M	BVL4P63D8M	BVL4P63D1M





## 630A Kadar Tüm Marka Devre Kesicilere Göre Dağıtım Panosu Seçim Tabloları

### Distribution Panel Selection Tables Up To 630A for all brand Circuit Breakers (STAND ALONE)

Таблицы для выбора распределительных панелей в соответствии с автоматическими выключателями до 630а всех видов торговых марок.

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".		"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Formlama Tipi Separation Type Тип Формуляции.	Referans Reference Использование	Ip Seviyesi Ip Level Уровень Ip.	Referans Reference Использование
Form 1	1	IP 30	O
Form 2	2	IP 44	K
Form 3	3	IP 54	E
Form 4	4		

## 630A e Kadar Tüm Marka Devre Kesiciler İçin Dağıtım Panosu

### Distribution Panel Selection Tables up to 630A for all brand Circuit Breakers

Таблицы для выбора распределительных панелей для автоматических выключателей до 630а всех видов торговых марок.

PANO DİKİLİ TİP Panel (STAND ALONE) ПАНЕЛЬ ВЕРТИКАЛЬНОГО ТИПА.						
	Boyut mm	400 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	n
630A e kadar tüm marka devre kesiciler için Dağıtım Panosu Distribution Panel Selection Tables up to 630A for all brand Circuit Breakers Таблицы для выбора распределительных панелей для автоматических выключателей до 630а всех видов торговых марок.	800x2200x..	PD082204-xy	PD082206-xy	PD082208-xy	PD082201-xy	72

## EATON Kompakt Sabit 630A e Kadar Montaj ve Örtü Plakaları

### Mounting and Front Plates up to 630A CHINT Brand Compact Fixed Circuit Breakers

Компактные, Стационарные, установочные лицевые панели до 630A и накладочные лицевые панели, торговой марки «EATON».

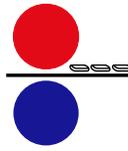
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P					4P				
		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n
		LZMC1, N2M size 1	160A'e kadar	MPK16F5	OPZMF3P5	OPZMF3P5M	125	5	MPK16F5	OPZMF4P5	OPZMF4P5M
LZMC2, N2M size 2	300A'e kadar	MPK32F5	OPZMF3P5	OPZMF3P5M	125	5	MPK32F7	OPZMF4P5	OPZMF4P5M	175	7
LZMN3 size 3	630A	MPK63F10	OPZMF3P10	OPZMF3P10M	250	10	MPK63F14	OPZMF4P10	OPZMF4P10M	350	14

## CHINT Kompakt Sabit 630A e kadar Montaj ve Örtü Plakaları

### Mounting and Front Plates up to 630A CHINT Brand Compact Fixed Circuit Breakers

Компактные, Стационарные, установочные лицевые панели до 630A и накладочные лицевые панели, торговой марки «CHINT».

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P					4P				
		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası MOTORSUZ Front Plate for CB without MOTOR Немоторизованная лицевая панель.	Örtü Plakası MOTORLU Front Plate for CB with MOTOR Моторизованная лицевая панель.	hmm	n
		NM8-125S	125A'e kadar	MPK12F5	OPNMF3P5	OPNMF3P5M	125	5	MPK12F5	OPNMF4P5	OPNMF4P5M
NM8-250S	250A'e kadar	MPK25F5	OPNMF3P5	OPNMF3P5M	125	5	MPK25F7	OPNMF4P7	OPNMF4P7M	175	7
NM8-400S	400A	MPK40F10	OPNMF3P10	OPNMF3P10M	250	10	MPK40F10	OPNMF4P10	OPNMF4P10M	250	10
NM8-630S	630A	MPK63F10	OPNMF3P10	OPNMF3P10M	250	10	MPK63F14	OPNMF4P14	OPNMF4P14M	350	14



## 630A Kadar Tüm Marka Devre Kesicilere Göre Kablo ve Bara Bağlantı Seçim Tabloları Semi Finished Cable and Busbar Selection Tables up to 630A for all brand Circuit Breakers (STAND ALONE)

Таблицы для выбора проводки и шин в соответствии с автоматическими выключателями до 630A всех видов торговых марок.

### EATON Kompakt Şalter Sabit 40A-250A Kablo Bağlantı Seti Semi Finished Cable Set For EATON brand Compact Fixed Circuit Breaker 40A-250A

Монтажный комплект для стационарных компактных переключателей 40A-250A торговой марки «EATON».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.			Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.		
	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
LZM ve NZM						
40A'e kadar	KZM3P040D6	KZM3P040D8	KZM3P040D1	KZM4P040D6	KZM4P040D8	KZM4P040D1
63A'e kadar	KZM3P060D6	KZM3P060D8	KZM3P060D1	KZM4P060D6	KZM4P060D8	KZM4P060D1
80A	KZM3P080D6	KZM3P080D8	KZM3P080D1	KZM4P080D6	KZM4P080D8	KZM4P080D1
100A	KZM3P100D6	KZM3P100D8	KZM3P100D1	KZM4P100D6	KZM4P100D8	KZM4P100D1
125A	KZM3P125D6	KZM3P125D8	KZM3P125D1	KZM4P125D6	KZM4P125D8	KZM4P125D1
160A	KZM3P160D6	KZM3P160D8	KZM3P160D1	KZM4P160D6	KZM4P160D8	KZM4P160D1
200A	KZM3P200D6	KZM3P200D8	KZM3P200D1	KZM4P200D6	KZM4P200D8	KZM4P200D1
250A	KZM3P250D6	KZM3P250D8	KZM3P250D1	KZM4P250D6	KZM4P250D8	KZM4P250D1

### EATON Kompakt Şalter Sabit 400A-630A Bara Bağlantı Seti Semi Finished Busbar Set For EATON brand Compact Fixed Circuit Breaker 400A-630A

Монтажный комплект шин для стационарных компактных переключателей 40A-250A торговой марки «EATON».

TİP Type Тип.	3P			4P		
	Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.			Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.		
	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
400A (Motorsuz)	BZM3P40D6	BZM3P40D8	BZM3P40D1	BZM4P40D6	BZM4P40D8	BZM4P40D1
630A (Motorsuz)	BZM3P63D6	BZM3P63D8	BZM3P63D1	BZM4P63D6	BZM4P63D8	BZM4P63D1
400A (Motorlu)	BZM3P40D6M	BZM3P40D8M	BZM3P40D1M	BZM4P40D6M	BZM4P40D8M	BZM4P40D1M
630A (Motorlu)	BZM3P63D6M	BZM3P63D8M	BZM3P63D1M	BZM4P63D6M	BZM4P63D8M	BZM4P63D1M

### CHINT Kompakt Şalter Sabit 40A-250A Kablo Bağlantı Seti Semi Finished Cable Set For CHINT brand Compact Fixed Circuit Breaker 40A-250A

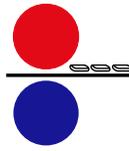
Монтажный комплект для стационарных компактных переключателей 40A-250A торговой марки «CHINT».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.			Kablo Referansı Semi Finished Cable Set Reference Реферансы проводов.		
	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
NM8						
40A'e kadar	KNM3P040D6	KNM3P040D8	KNM3P040D1	KNM4P040D6	KNM4P040D8	KNM4P040D1
63A'e kadar	KNM3P060D6	KNM3P060D8	KNM3P060D1	KNM4P060D6	KNM4P060D8	KNM4P060D1
80A	KNM3P080D6	KNM3P080D8	KNM3P080D1	KNM4P080D6	KNM4P080D8	KNM4P080D1
100A	KNM3P100D6	KNM3P100D8	KNM3P100D1	KNM4P100D6	KNM4P100D8	KNM4P100D1
125A	KNM3P125D6	KNM3P125D8	KNM3P125D1	KNM4P125D6	KNM4P125D8	KNM4P125D1
160A	KNM3P160D6	KNM3P160D8	KNM3P160D1	KNM4P160D6	KNM4P160D8	KNM4P160D1
200A	KNM3P200D6	KNM3P200D8	KNM3P200D1	KNM4P200D6	KNM4P200D8	KNM4P200D1
250A	KNM3P250D6	KNM3P250D8	KNM3P250D1	KNM4P250D6	KNM4P250D8	KNM4P250D1

### CHINT Kompakt Şalter Sabit 400A-630A Bara Bağlantı Seti Semi Finished Busbar Set For CHINT brand Compact Fixed Circuit Breaker 400A-630A

Монтажный комплект шин для стационарных компактных переключателей 40A-250A торговой марки «CHINT».

Devre Kesiciler Circuit Breakers Автоматические выключатели.	3P			4P		
	Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.			Bara Referansı Semi Finished Busbar Set Reference Реферансы шин.		
	600 mm (D)	800 mm (D)	1000 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)
NM8						
TİP Type Тип.						
400A (Motorsuz)	BNM3P40D6	BNM3P40D8	BNM3P40D1	BNM4P40D6	BNM4P40D8	BNM4P40D1
630A (Motorsuz)	BNM3P63D6	BNM3P63D8	BNM3P63D1	BNM4P63D6	BNM4P63D8	BNM4P63D1
400A (Motorlu)	BNM3P40D6M	BNM3P40D8M	BNM3P40D1M	BNM4P40D6M	BNM4P40D8M	BNM4P40D1M
630A (Motorlu)	BNM3P63D6M	BNM3P63D8M	BNM3P63D1M	BNM4P63D6M	BNM4P63D8M	BNM4P63D1M



## DIN STANDARTI ÜRÜNLER İÇİN DAĞITIM PANOSU, MCC PANOSU, KOMPANZASYON PANOSU, BOŞ PLAKALAR İÇİN SEÇİM TABLOLARI (DİKİLİ TİP)

Seçimlerinizde aşağıdaki notlara dikkat edilmesi gerekmektedir.

- Pano kullanım kapasitesi 72n'dir.
- Sistemdeki amperajı ilk olarak seçiniz. Bu panonuzun derinliğini belirleyecektir. Bu derinliğe görede tüm panonun seçimlerini gerçekleştirmeniz gerekmektedir.
- DIN standardındaki ürünlerin seçiminde 63A'e kadar olan ürünler dikkate alınmıştır.
- Kompanzasyon panolarında ve MCC panolarında örtü plakası bulunmaz.
- **Kompanzasyon panolarında:**
  - Montaj plakası seçiminde verilen referanslar dikili tip pano için ve kondansatör boyu 270mm'den küçük olan ürünler için verilmiştir.
  - Reaktör veya tristör kullanılması durumunda her kademe için bir adet MPK12 kullanılmalıdır.

### ○ MCC panolarında:

- Duvar tipi çözümleri için satış temsilcinizle görüşünüz.
- Yıldız-üçgen çıkışları için maksimum iki röle düşünülmüş ve boyutlar buna göre belirlenmiştir.
- 55kW üzeri yıldız-üçgen devresinde termik manyetik ayarlı devre kesici düşünülmüştür.
- Frekans konvertörü ve soft starterli çözümlerde bypass kontaktörü ve filtre düşünülmüştür.
- Panonuzda Busbar bulunuyor ise ve Busbar panonun içine sokulmak istenirse derinliği minimum 800mm alınız.
- Cam kapı istenmesi durumunda satış temsilcinizle görüşünüz.
- Ral 7035 rengi standart rengimizdir. Kodlar bu renge göre verilmiştir. Farklı renk seçenekleri için satış temsilciniz ile görüşünüz.
- Dikili tip panolarda GERSAN standardında klemensler montaj plakası üzerinde olduğundan klemensler için ayrıca yer bırakılması gerekmez.
- Boş olarak verilen montaj plakaları perforatedir.

## SEVKİYAT KAPSAMLARI,

Bu katalogdan seçerek sipariş ettiğiniz tüm ürünlerin tamamı özel ambalajında, tüm bağlantı ekipmanları, (civata, pul, yaylı, somun), tanımlama etiketleri ve montaj kılavuzları birlikte sevk edilir.

## DISTRIBUTION PANEL, MCC PANEL, COMPENSATION PANEL, EMPTY PLATES REFERENCE SELECTION TABLES FOR DIN STANDARD PRODUCTS (FOR STAND ALONE PANEL)

When you are making your selections, please take in account following notes;

- Select the main amper rating first. This will affect the depth of your panel. You should make all your selections regarding this depth.
- For DIN standard products selection, products which is up to 63A is considered.
- Offered references is not included front plates for Compensation and MCC panels.
- For Compensation Panels;
  - Given references are for stand alone panels and capacitors which heights are up to 270mm.
  - For harmonic reactor and tyristor type contactors, please select 1 pcs MPK12 for every step.
- For MCC Panels;
  - For wall mounted type solutions please contact with your sales representatives.
  - For star-delta outgoing, maximum 2 socket-relay is considered and sizes are defined regarding to that.

- Protection for over 55Kw star-delta outgoing, thermic magnetic circuit breakers are considered (not motor protection CB) and sizes are defined regarding to that.
- If you have busbar trunking incoming or outgoing to your panel, and you will use "trunking panel incoming module" inside the panel, you should choose the depth of the panel, min 800 mm.
- For transparent door, please contact with sales representatives.
- RAL 7035 is our standart colour. All the references are regarding this color. For different color requests please contact with your sales representatives.
- For floor standing panels, since terminals are located in CB mounting plates as GERSAN standard, you don't have to consider additional place for terminals.
- Offered empty mounting plates are perforated type plates.

## SHIPMENT DETAILS

Ordered references will be shipped inside special package, with all necessary connection materials (like screws, nuts..etc), labels and installation guides.

ТАБЛИЦЫ ВЫБОРА ДЛЯ РАСПРЕДЕЛИТЕЛЬНЫХ ПАНЕЛЕЙ, ПАНЕЛЕЙ ММС, КОМПЕНСАЦИОННЫХ ПАНЕЛЕЙ, ПУСТЫХ ПЛАТО ДЛЯ ПРОДУКЦИИ СТАНДАРТА DIN.

В качестве продукции стандарта DIN считается продукция до 63А.

В компенсационных пано и пано ММС накладочные лицевые панели не имеются.

В компенсационных пано:

-Для выбора установочные панели указанные данные были даны для в панели вертикального типа и для продукции с размером конденсатора менее 270мм.

-в случае использования реактора либо тристора для каждого уровня следует использовать один MPK12.

В пано ММС:

-Пожалуйста, обратитесь к торговому представителю для получения информации о настенных решениях.

-Для выходов звезда-треугольник предусмотрены максимум два реле,

и их размеры определяются соответственно.

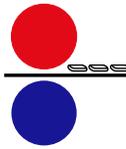
-В цепи звезда-треугольник свыше 55 кВт предусмотрено наличие теплового и магнитно регулируемого автоматического выключателя.

-в решениях с преобразователем частоты и устройством плавного пуска наличие шунтирующего контактора и фильтра не предусмотрено.

В том случае если на Вашем пано установлен Busbar и если Вы пожелаете, чтобы Busbar был помещен в пано следует приобрести пано глубиной в 800мм.

Пожалуйста, обратитесь к торговому представителю, в том случае, если вы желаете, чтобы Ваша продукция была оснащена стеклянными крышками.

Цвет «Ral 7035» является нашим стандартным цветом. Все коды предоставлены в соответствии с данным цветом. По поводу различных цветовых вариантов, пожалуйста, обратитесь к торговому представителю. В панелях вертикального типа торговой марки «GERSAN», по причине того, что клеммы по стандарту должны быть расположены на монтажной пластине, для клеммов выделять отдельно место не нужно. Предоставляемые в пустом виде монтажные пластины перфорированы.



## DIN Standartı Ürünler İçin Dağıtım Panosu, MCC Panosu, Kompanzasyon Panosu Seçim Tabloları Distribution Panel, MCC, Compensation Panel selection tables for DIN Standard Products (STAND ALONE)

Таблицы выбора для распределительных панелей, панелей ммс, компенсационных панелей для продукции стандарта DIN.

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".		"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Formlama Tipi Separation Type Тип Формуляции.	Referans Reference Использование	Ip Seviyesi Ip Level Уровень Ip .	Referans Reference Использование
Form 1	1	IP 30	O
Form 2	2	IP 44	K
Form 3	3	IP 54	E
Form 4	4		

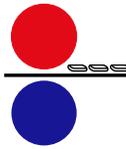
PANO DİKİLİ TİP Panel (STAND ALONE) ПАНЕЛЬ ВЕРТИКАЛЬНОГО ТИПА.						
	Boyut mm	400 mm (D)	600 mm (D)	800 mm (D)	1000 mm (D)	Komp. Kaset
Dağıtım Panosu Distribution Panel Распределительная панель.	800x2200x..	PD082204-xy	PD082206-xy	PD082208-xy	PD082201-xy	72
MCC Panosu MCC Panel Панель ММС.	800x2200x..	PD082204-xy	PD082206-xy	PD082208-xy	PD082201-xy	72
Kompanzasyon Panosu Compensation Panel Компенсационная панель.	600x2200x..		PK062206-xy	PK062208-xy	PK0622081-xy	72 6

DIN Standartı Ürünler için Montaj ve Örtü Plakaları Mounting and Front Plates for DIN standard Products Таблицы выбора монтажных пластин и лицевых накладочных пластин для продукции стандарта DIN.						
	Sıra Katsayısı Line Factor Коэффициент Уровня.	Dikili Tip Верткальный тип.				Örtü Plakası Referans Front Plate Reference лицевая панель. Использование
		mm	n	Sıradaki 1P adet 1P product in line Количество 1P уровня.	Montaj Plakası Referans Mounting Plate Reference Установочные панели. Использование	
1 Kutup Genişliğinde Ürünler 1P wide products	1					
2 Kutup Genişliğinde Ürünler 1P wide products	2					
3 Kutup Genişliğinde Ürünler 1P wide products	3					
4 Kutup Genişliğinde Ürünler 1P wide products	4	175	7	20	MP07	OP07

MCC Panoları için Montaj Plakaları Mounting Plates for MCC Panels Монтажные пластины для панелей MCC.							
Yolverme Tipi Start-up type	Tipi	kw	kw	kw.	Montaj Plakası Mounting Plate Установочные панели.	mm	n
DOL DOL	DOL	22kW a kadar	Up to 22kW	до 22kW.	MPDL08	200	8
Yıldız Üçgen Star-Delta	Звезда-треугольник	15kW a kadar	Up to 15kW	до 15kW.	MPYU08	200	8
Yıldız Üçgen Star-Delta	Звезда-треугольник	45kW a kadar	Up to 45kW	до 45kW.	MPYU16	400	16
Yıldız Üçgen Star-Delta	Звезда-треугольник	90kW a kadar	Up to 90kW	до 90kW.	MPYU24	600	24
Yıldız Üçgen Star-Delta	Звезда-треугольник	200kW a kadar	Up to 200kW	до 200kW.	MPYU32	800	32
Frekans Konvertörlü Çıkış	Outgoing with Frequency Converter	5,5kW a kadar	Up to 5,5kW	до 5,5kW.	MPFK16	400	16
Frekans Konvertörlü Çıkış	Outgoing with Frequency Converter	22kW a kadar	Up to 22kW	до 22kW.	MPFK24	600	24
Frekans Konvertörlü Çıkış	Outgoing with Frequency Converter	75kW a kadar	Up to 75kW	до 75kW.	MPFK32	800	32
Frekans Konvertörlü Çıkış	Outgoing with Frequency Converter	160kW a kadar	Up to 160kW	до 160kW.	MPFK72	1800	72
Soft Starterli Çıkış	Outgoing with Soft Starter	22kW a kadar	Up to 22kW	до 22kW.	MPSS16	400	16
Soft Starterli Çıkış	Outgoing with Soft Starter	55kW a kadar	Up to 55kW	до 55kW.	MPSS24	600	24
Soft Starterli Çıkış	Outgoing with Soft Starter	90kW a kadar	Up to 90kW	до 90kW.	MPSS32	800	32

Kompanzasyon Kasetleri Compensation Mounting Plates Компенсационные лотки.			
kvar kvar Kvar.	Montaj Plakası Mounting Plate Установочные панели.	n	Komp. Kaset Comp. M. Plate Компенсационные лотки.
15kVAR a kadar (2 ad bir plakaya konabilir) до 15kVAR. (возможно разместить 2 единицы на пластину)	MPK12	6	0,5
50 kVAR a kadar Up to 50kVAR До 50 kVAR.	MPK12	6	1

Boş Montaj Plakaları ve Örtü plakaları Empty Mounting and Front Plates Пустые монтажные пластины и лицевые накладочные пластины.					
DİKİLİ STAND ALONE PANEL ВЕРТИКАЛЬНЫЕ.					
mm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.		
500 mm	2			OP05	
100 mm	4			OP10	
150 mm	6			OP15	
200 mm	8	MP20		OP20	
250 mm	10			OP25	
300 mm	12	MP30		OP30	
400 mm	16	MP40		OP40	



## GDB DAĞITIM PANELLERİ

## GDB Distribution Panels

## GDB Распределительные Шкафы



### DUVAR TİPİ PANOLAR İÇİN SEÇİM TABLOLARI

Seçimlerinizde aşağıdaki notlara dikkat edilmesi gerekmektedir.

- Ral 7035 rengi standart rengimizdir. Kodlar bu renge göre verilmiştir. Farklı renk seçenekleri için satış temsilciniz ile görüşünüz.
- Özel boyut istekleriniz için satış temsilciniz ile görüşünüz.
- Boş olarak verilen montaj plakaları perforedir.
- Cam kapı istenmesi durumunda satış temsilcinizle görüşünüz.
- 250A'e kadar şalterlerin montaj plakaları şalterlerin dikey pozisyonuna göre dir. Aynı sıraya üç adet şalter konulabilmektedir.
- 250A'e kadar şalterlerde verilen kodlar motorsuz ve sabit tip içindir.

Motorlu ve çekmeceli tipler için satış temsilcinize başvurunuz.

### SEVKİYAT KAPSAMLARI

Bu katalogdan seçerek sipariş ettiğiniz tüm ürünlerin tamamı özel ambalajında, tüm bağlantı ekipmanları, (civata, pul, yaylı, somun), tanımlama etiketleri ve montaj kılavuzları birlikte sevk edilir.

#### ТАБЛИЦА ВЫБОРА ДЛЯ НАСТЕННЫХ НАВЕСНЫХ ПАНЕЛЕЙ.

Для осуществления выбора задач следует ознакомиться с ниже следующими условиями.

Цвет «Ral 7035» является нашим стандартным цветом.

Все коды предоставлены в соответствии с данным цветом.

По поводу различных цветовых вариантов, пожалуйста, обратитесь к торговому представителю.

По поводу различных вариантов размеров, пожалуйста, обратитесь к торговому представителю.

Предоставляемые в пустом виде монтажные пластины перфорированы.

Пожалуйста, обратитесь к торговому представителю, в том случае, если вы желаете, чтобы Ваша продукция была оснащена стеклянными крышками.

Монтажные пластины рубильников до 250A рассчитаны на вертикальную позицию. Возможно расположение подряд трех рубильников.

Предоставленные коды для рубильников до 250A рассчитаны для немоторизованного стандартного типа. По моторизованного и выдвигного вариантов, пожалуйста, обратитесь к торговому представителю.

#### ОБЪЕМ И ВИД ПОСТАВКИ,

Вся продукция, которая будет выбрана Вами по этому каталогу, будет доставлена в специальной упаковке, в полной комплектации, включая все соединяющие элементы (болты, шайбы, пружины, гайки), с идентификационными метками и инструкцией по установке.

### OUNTED PANELS REFERENCE SELECTION TABLES

When you are making your selections, please take in account following notes;

- RAL 7035 is our standart colour. All the references are regarding this color.
- For special size requests please contact with your sales representatives.
- Offered empty mounting plates are perforated type plates.
- For transparent door, please contact with sales representatives.
- Mounting and front plates up to 250A circuit breakers are regarding to vertical position of Circuit Breakers. And on the same line 4 circuit breaker can be installed.
- Mounting and front plates up to 250A circuit breakers are for fixed and not motorized CB's

For motorized and withdrawable CB's please contact with your sales representatives.

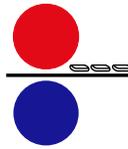
### SHIPMENT DETAILS

Ordered references will be shipped inside special package, with all necessary connection materials (like screws, nuts..etc), labels and installation guides.

"x" Seçim Tablosu "x" Selection Table Табло выбора задач "x".	
Formlamları Tipi Separation Type Тип Формуляции.	Referans Reference Использование
Form 1	1
Form 2	2
Form 3	3
Form 4	4

"y" Seçim Tablosu "y" Selection Table Табло выбора задач "y".	
Ip Seviyesi Ip Level Уровень Ip .	Referans Reference Использование
IP 30	O
IP 44	K
IP 54	E

Pano DUVAR TİPİ Circuit Breakers ПАНЕЛИ НАСТЕННОГО ТИПА.								Klemens Grubu Montaj ve Örtü Plakaları Terminal Group Mounting and Front Plates Монтажные пластины и лицевые накладочные пластины группы клеммов.			
gx - xyd mm	n (klemens haric kapasite) (capacity without terminal area)	150 mm (D)	175 mm (D)	200 mm (D)	150 mm (D)	175 mm (D)	200 mm (D)	Kapladığı n Footprint n Занимаемый n.	H	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.
600x600x..mm	14	KU060615-xy	KU060617-xy	KU060620-xy	KA060615-xy	KA060617-xy	KA060620-xy	10	250 mm	TKMP	TOP25
600x800x..mm	22	KU060815-xy	KU060817-xy	KU060820-xy	KA060815-xy	KA060817-xy	KA060820-xy	10	250 mm	TKPM	TOP25
600x1000x..mm	24	KU061015-xy	KU061017-xy	KU061020-xy	KA061015-xy	KA061017-xy	KA061020-xy	16	400 mm	TKMP	TOP40
600x1200x..mm	32	KU061215-xy	KU061217-xy	KU061220-xy	KA061215-xy	KA061217-xy	KA061220-xy	16	400 mm	TKPM	TOP40
600x1600x..mm	48	KU061615-xy	KU061617-xy	KU061620-xy	KA061615-xy	KA061617-xy	KA061620-xy	16	400 mm	TKMP	TOP40



## Duvar Tipi Panolar Seçim Tabloları Wall Mounted Panels Selection Tables Таблицы выбора панелей настенного типа.

### ABB Kompakt Sabit 250A e kadar - TALİ PANOLAR İÇİN

Mounting Plates and Front Plates Selection Tables for ABB Brand Compact Fixed Circuit Breaker up to 250A-for WALL

#### MOUNTED PANELS

Компактные стационарные торговой марки «ABB» до 250A – для вторичных панелей.

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P				4P			
		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n
XT1N, S, H	160A'e kadar	TMPK16F8	TOPXT13P08	200	8	TMPK16F8	TOPXT14P08	200	8
XT2N, S	160A'e kadar	TMPK16F8	TOPXT23P08	200	8	TMPK16F8	TOPXT24P08	200	8
XT3N, S, H	250A'e kadar	TMPK25F10	TOPXT33P10	250	10	TMPK25F10	TOPXT34P10	250	10
XT4N, S	250A'e kadar	TMPK25F10	TOPXT43P10	250	10	TMPK25F10	TOPXT44P10	250	10

### Schneider Kompakt Sabit 250A e kadar - TALİ PANOLAR İÇİN

Mounting Plates and Front Plates Selection Tables for Schneider Electric Brand Compact Fixed Circuit Breaker up to 250A-for WALL

#### MOUNTED PANELS

Компактные стационарные торговой марки «Schneider» до 250A – для вторичных панелей.

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P				4P			
		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n
NSX ve CVS	250A'e kadar	TMPK25F10	TOPNC3P10	250	10	TMPK25F10	TOPNC4P10	250	10

### Siemens Kompakt Sabit 250A e kadar - TALİ PANOLAR İÇİN

Mounting Plates and Front Plates Selection Tables for Siemens Brand Compact Fixed Circuit Breaker up to 250A-for WALL MOUNTED PANELS

Компактные стационарные торговой марки «Siemens» до 250A – для вторичных панелей.

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P				4P			
		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n
VL160, 160X	160A'e kadar	TMPK16F8	TOPVL3P08	200	8	TMPK16F8	TOPVL4P08	200	8
VL250	250A'e kadar	TMPK25F10	TOPVL3P10	250	10	TMPK25F10	TOPVL4P10	250	10

### EATON Kompakt Sabit 250A e kadar - TALİ PANOLAR İÇİN

Mounting Plates and Front Plates Selection Tables for EATON Brand Compact Fixed Circuit Breaker up to 250A-for WALL MOUNTED PANELS

EATON Kompактные стационарные торговой марки «ABB» до 250A – для вторичных панелей.

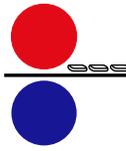
Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P				4P			
		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n
LZMC1, NZM By1	160A'e kadar	TMPK16F8	TOPZM3P08	200	8	TMPK16F8	TOPZM4P08	200	8
LZMC2, NZM By2	250A'e kadar	TMPK25F10	TOPZM3P10	250	10	TMPK25F10	TOPZM4P10	250	10

### CHINT Kompakt Sabit 250A e kadar - TALİ PANOLAR İÇİN

Mounting Plates and Front Plates Selection Tables for CHINT Brand Compact Fixed Circuit Breaker up to 250A-for WALL MOUNTED PANELS

Компактные стационарные торговой марки «CHINT» до 250A – для вторичных панелей.

Devre Kesiciler Circuit Breakers Автоматические выключатели.		3P				4P			
		Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n	Montaj Plakası Mounting Plate Установочные панели.	Örtü Plakası Front Plate лицевая панель.	hmm	n
NM8-125S	160A'e kadar	TMPK12F8	TOPNM3P08	200	8	TMPK12F8	TOPNM4P08	200	8
NM8-250S	250A'e kadar	TMPK25F10	TOPNM3P10	250	10	TMPK25F10	TOPNM4P10	250	10



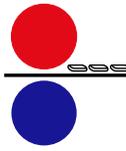
## Duvar Tipi Panolar Seçim Tabloları Wall Mounted Panels Selection Tables Таблицы выбора панелей настенного типа.

DIN Standartı Ürünler için Montaj ve Örtü Plakaları <i>Mounting and Front Plates for DIN standard Products</i> Таблицы выбора монтажных пластин и лицевых накладочных пластин для продукции стандарта DIN.						
Dikili Tip <i>Вертикальный тип.</i>						
	Sıra Katsayısı <i>Line Factor</i> Коэффициент Уровня.	mm	n	Sıradaki 1P adet <i>1P product in line</i> Количество 1P уровня.	Montaj Plakası <i>Referans</i> <i>Mounting Plate</i> <i>Reference</i> Установочные панели. Использование	Örtü Plakası <i>Referans</i> <i>Front Plate</i> <i>Reference</i> лицевая панель. Использование
1 Kutup Genişliğinde Ürünler <i>1P wide products</i> Продукция по ширине 1 полюса.	1	150	6	24	TMP06	TOP06
2 Kutup Genişliğinde Ürünler <i>1P wide products</i> Продукция по ширине 2 полюса.	2					
3 Kutup Genişliğinde Ürünler <i>1P wide products</i> Продукция по ширине 3 полюса.	3					
4 Kutup Genişliğinde Ürünler <i>1P wide products</i> Продукция по ширине 4 полюса.	4					

Boş Montaj Plakaları ve Örtü plakaları <i>Empty Mounting and Front Plates</i> Пустые монтажные пластины и лицевые накладочные пластины.				
DİKİLİ <i>STAND ALONE PANEL</i> ВЕРТИКАЛЬНЫЕ.				
mm	n	Montaj Plakası <i>Mounting Plate</i> Установочные панели.	Örtü Plakası <i>Front Plate</i> лицевая панель.	
500 mm	2		TOP05	
100 mm	4		TOP10	
150 mm	6		TOP15	
200 mm	8		TMP20	TOP20
250 mm	10		TOP25	
300 mm	12	TMP30	TOP30	
400 mm	16	TMP40	TOP40	

DUVAR TİPİ Panolar için Dağıtıcı Üniteler ve Nötr Toprak Baraları <i>Distribution Busbar and Neutral for WALL MOUNTED PANELS</i> Распределительные блоки и Нейтральные заземляющие шины для НАСТЕННЫХ ПАНЕЛЕЙ.				
Dağıtım Üniteleri <i>Distribution Busbars</i> Распределительные блоки.			Referans <i>Reference</i> Использование	
125A 3P Dağıtıcı Ünite	125A 3P Distribution Busbar	Распределительный блок 125A 3P.	TDB3P125	
250A 3P Dağıtıcı Ünite	250A 3P Distribution Busbar	Распределительный блок 250A 3P.	TDB3P250	
125A 4P Dağıtıcı Ünite	125A 4P Distribution Busbar	Распределительный блок 125A 4P.	TDB4P125	
250A 4P Dağıtıcı Ünite	250A 4P Distribution Busbar	Распределительный блок 250A 4P.	TDB4P250	
Toprak - Nötr Barası	Earth and Neutral Busbar	Шина заземления-нейтрал.	TTNB	





## KARKAS STRUCTURE КАРКАС.

### PANO BOYUTLARI - DİKİLİ TİP

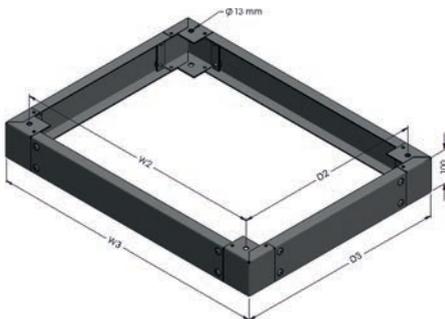
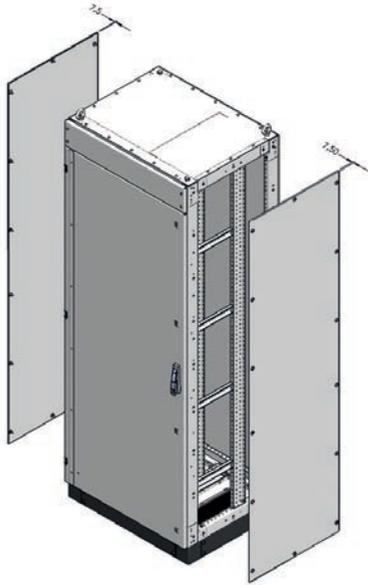
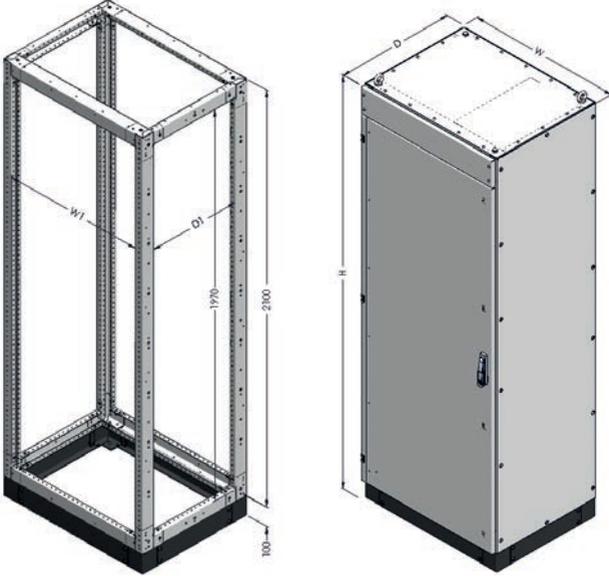
#### DIMENSIONS - STAND ALONE PANELS

РАЗМЕРЫ ПАНЕЛЕЙ – ВЕРТИКАЛЬНОГО ТИПА.

GERSAN dikili tip panolar, taşıyıcı ve ana karkas sistemi 2-3 mm galvaniz sacdan, yan kapak, örtü sacı sistemleri 1,5 mm kullanım şartlarına bağlı olarak DKP veya galvaniz sacdan, ön kapılar 2 mm galvaniz sacdan imal edilmektedir.

*Gersan stand alone panels main structure produced as 2-3 mm galvanize steel-sheet. Side plates, front plates are produced as 1,5 mm and door 2 mm. In line with the used area side plates, front plates and door produced either from DKP or galvanized steel-sheet.*

Несущая система и основная рама Панелей вертикального типа торговой марки «GERSAN» изготавливаются из 2-3 мм оцинкованного листового металла, боковая крышка, система лицевых накладочных пластин, в зависимости от условий использования из мягкой стали или оцинкованных листов 1,5 мм толщиной, передние дверцы из гальванизированного листового металла, толщиной 2 мм.



PANO BOYUT (wxhxd mm) DIMENSIONS (wxhxd mm) РАЗМЕРЫ ПАНЕЛЕЙ (wxhxd mm).	W	W1	W2	W3	D	D1	D2	D3	H
450x2200x600	465	360	360	450	632,50	470	530	600	2200
450x2200x800	465	360	360	450	832,50	670	730	800	2200
450x2200x600	615	510	510	600	632,50	470	530	600	2200
450x2200x800	615	510	510	600	832,50	670	730	800	2200
450x2200x600	815	710	710	800	632,50	470	530	600	2200
450x2200x800	815	710	710	800	832,50	670	730	800	2200
1000x2200x1000	1015	910	910	1000	1032,50	870	930	1000	2200
1200x2200x1000	1015	1110	1110	1200	1032,50	870	930	1000	2200

Panoda yükseklik olarak kullanılabilir alan 1800 mm'dir.

Özel imalatlar için satış temsilciniz ile görüşünüz.

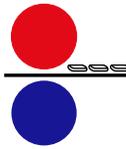
*Usable area as height for the panel is 1800 mm.*

*For special requests, please contact to your sales representatives.*

В качестве высоты панели может быть использованы 1800 мм.

По поводу производства на заказ, пожалуйста, обратитесь к торговому представителю.





## KARKAS STRUCTURE КАРКАС.

### PANO BOYUTLARI - DUVAR TİPİ

#### DIMENSIONS - WALL MOUNTED PANELS

РАЗМЕРЫ ПАНЕЛЕЙ – ВЕРТИКАЛЬНОГО ТИПА.

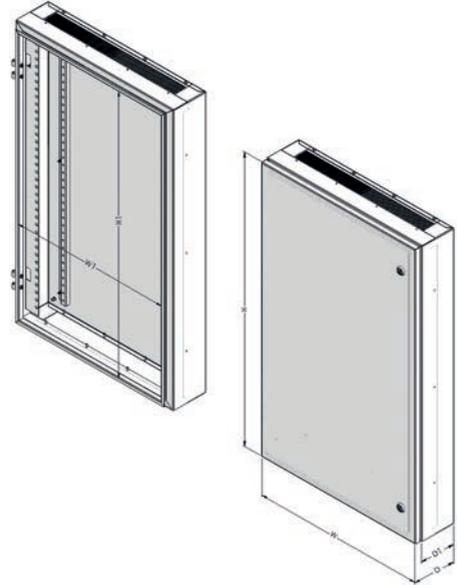
GERSAN duvar tip panolar, 1,2-2 mm kullanım şartlarına bağlı olarak DKP veya galvaniz sacdan imal edilmektedir.

Gersan wall mounted panels produced as 1,2-2 mm. In line with the used area panels produced either from DKP or galvanized steel-sheet.

Настенные панели торговой марки «GERSAN», в зависимости от условий использования изготавливаются из DKP либо из гальванизированного листового металла.

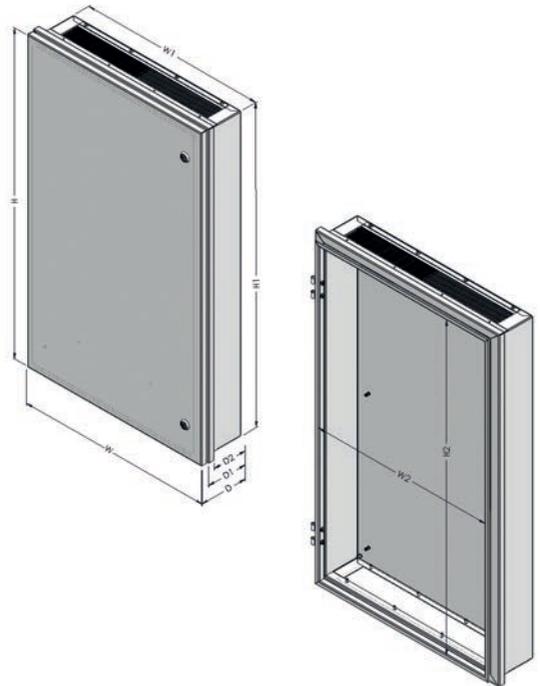
SIVA ÜSTÜ PANO SURFACE MOUNTED PANELS Надштукатурочная панель.						
PANO BOYUT (wxhxd mm) DIMENSIONS (wxhxd mm) РАЗМЕРЫ ПАНЕЛЕЙ (wxhxd mm).	W	W1	D	D1	H	H1
600x600x125	600	540	148	125	600	550
600x800x125	600	540	148	125	800	750
600x1000x125	600	540	148	125	1000	950
600x1200x125	600	540	148	125	1200	1150
600x1500x125	600	540	148	125	1500	1450
600x600x175	600	540	198	175	600	550
600x800x175	600	540	198	175	800	750
600x1000x175	600	540	198	175	1000	950
600x1200x175	600	540	198	175	1200	1150
600x1600x175	600	540	198	175	1600	1150

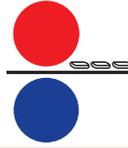
## SIVA ÜSTÜ PANO SURFACE MOUNTED PANELS Надштукатурочная панель.



## SIVA ALTI PANO FLUSH MOUNTED PANELS Подштукатурочная панель.

SIVA ALTI PANO FLUSH MOUNTED PANELS Подштукатурочная панель.									
PANO BOYUT (wxhxd mm) DIMENSIONS (wxhxd mm) РАЗМЕРЫ ПАНЕЛЕЙ (wxhxd mm).	W	W1	W2	D	D1	D2	H	H1	H2
600x600x125	600	573	513	148	125	105	600	573	550
600x800x125	600	573	513	148	125	105	800	773	750
600x1000x125	600	573	513	148	125	105	1000	973	950
600x1200x125	600	573	513	148	125	105	1200	1173	1150
600x1600x125	600	573	513	148	125	105	1500	1473	1450
600x600x175	600	573	513	198	175	115	600	573	550
600x800x175	600	573	513	198	175	115	800	773	750
600x1000x175	600	573	513	198	175	115	1000	973	950
600x1200x175	600	573	513	198	175	115	1200	1173	1150
600x1600x175	600	573	513	198	175	115	1600	1573	1150





### Rack Kabinleri

### Rack Cabinet

### Серверные шкафы

#### SOFT RACK (SOHO)

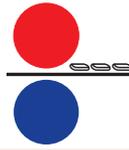


Sipariş kodu Order code Код заказа	Stok kodu Stock code Инвентаризационный код	X mm MM	W mm MM	D mm MM	Ağırlık(Kg/ad) Weight Вес (кг / шт)	Fiyat Price(USD) Цена
SR - 4U40	78SR - 4U40	540	221	400	10,00	177,96
SR - 6U40	78SR - 6U40	540	310	400	11,00	196,68
SR - 9U40	78SR - 9U40	540	443	400	13,00	224,73
SR - 12U40	78SR - 12U40	540	577	400	15,00	252,77
SR - 15U40	78SR - 15U40	540	710	400	16,00	280,82
SR - 4U60	78SR - 4U60	540	221	600	13,00	212,89
SR - 6U60	78SR - 6U60	540	310	600	15,00	235,43
SR - 9U60	78SR - 9U60	540	443	600	17,00	268,98
SR - 12U60	78SR - 12U60	540	577	600	19,00	302,29
SR - 15U60	78SR - 15U60	540	710	600	21,00	336,32

#### HANDY RACK (SIMPLE MINI)



HAN -7U45	78HAN -7U45	560	327	450	13,00	255,53
HAN -9U45	78HAN -9U45	560	461	450	16,00	278,61
HAN-12U45	78HAN-12U45	560	594	450	19,00	313,29
HAN-15U45	78HAN-15U45	560	727	450	22,00	348,04
HAN-18U45	78HAN-18U45	560	860	450	25,00	382,66
HAN-20U45	78HAN-20U45	560	860	450	25,00	398,57
HAN -7U50	78HAN -7U50	560	327	500	16,00	261,57
HAN -9U50	78HAN -9U50	560	461	500	19,00	285,55
HAN-12U50	78HAN-12U50	560	594	500	22,00	321,72
HAN-15U50	78HAN-15U50	560	727	500	25,00	357,84
HAN-18U50	78HAN-18U50	560	860	500	28,00	393,90
HAN-20U50	78HAN-20U50	560	860	500	28,00	418,00
HAN -7U55	78HAN -7U55	560	327	550	16,00	268,26
HAN -9U55	78HAN -9U55	560	461	550	19,00	296,31
HAN-12U55	78HAN-12U55	560	594	550	22,00	333,80
HAN-15U55	78HAN-15U55	560	727	550	25,00	371,24
HAN-18U55	78HAN-18U55	560	860	550	28,00	408,73
HAN-20U55	78HAN-20U55	560	860	550	28,00	433,73
HAN -7U60	78HAN -7U60	560	327	600	16,00	281,06
HAN -9U60	78HAN -9U60	560	461	600	19,00	307,01
HAN-12U60	78HAN-12U60	560	594	600	22,00	345,82
HAN-15U60	78HAN-15U60	560	727	600	25,00	384,69
HAN-18U60	78HAN-18U60	560	860	600	28,00	423,56
HAN-20U60	78HAN-20U60	560	860	600	28,00	449,52



#### Rack Kabinleri

#### Rack Cabinet

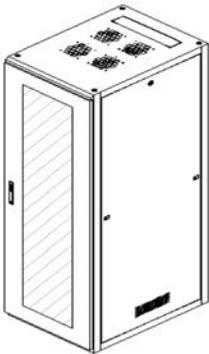
#### Серверные шкафы

##### SOFT RACK (SOHO)

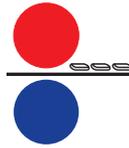


Sipariş kodu Order code Код заказа	Stok kodu Stock code Инвентаризационный код	X mm мм	W mm мм	D mm мм	Ağırlık(Kg/ad) Weight Вес (кг / шт)	Fiyat Price(USD) Цена
PH -7U40	78PH -7U40	560	395	400	21,00	267,72
PH -9U40	78PH -9U40	560	485	400	24,00	289,91
PH-12U40	78PH-12U40	560	615	400	27,00	323,46
PH-15U40	78PH-15U40	560	750	400	30,00	356,95
PH-18U40	78PH-18U40	560	885	400	33,00	390,49
PH -7U60	78PH -7U60	560	395	600	24,00	311,20
PH -9U60	78PH -9U60	560	485	600	27,00	336,85
PH-12U60	78PH-12U60	560	615	600	31,00	375,66
PH-15U60	78PH-15U60	560	750	600	35,00	414,53
PH-18U60	78PH-18U60	560	885	600	38,00	453,34

##### PRACTICAL FRAMEWORK (STANDART CABINET)



PFC 16U6060GS	78PFC 16U6060GS	600	728	600	44,00	619,35
PFC 18U6060GS	78PFC 18U6060GS	600	817	600	47,00	662,82
PFC 20U6060GS	78PFC 20U6060GS	600	906	600	50,00	706,36
PFC 25U6060GS	78PFC 25U6060GS	600	1128	600	57,00	815,19
PFC 30U6060GS	78PFC 30U6060GS	600	1351	600	64,00	923,91
PFC 34U6060GS	78PFC 34U6060GS	600	1528	600	71,00	1018,21
PFC 38U6060GS	78PFC 38U6060GS	600	1706	600	77,00	1105,28
PFC 42U6060GS	78PFC 42U6060GS	600	1884	600	82,00	1192,23
PFC 43U6060GS	78PFC 43U6060GS	600	1928	600	84,00	1214,00
PFC 45U6060GS	78PFC 45U6060GS	600	2017	600	87,00	1257,53
PFC 47U6060GS	78PFC 47U6060GS	600	2106	600	90,00	1301,07
PFC 16U6080GS	78PFC 16U6080GS	600	728	800	47,00	656,42
PFC 18U6080GS	78PFC 18U6080GS	600	817	800	50,00	699,96
PFC 20U6080GS	78PFC 20U6080GS	600	906	800	53,00	743,49
PFC 25U6080GS	78PFC 25U6080GS	600	1128	800	61,00	852,27
PFC 30U6080GS	78PFC 30U6080GS	600	1351	800	68,00	961,11
PFC 34U6080GS	78PFC 34U6080GS	600	1528	800	75,00	1058,22
PFC 38U6080GS	78PFC 38U6080GS	600	1706	800	81,00	1145,29
PFC 42U6080GS	78PFC 42U6080GS	600	1884	800	87,00	1232,30
PFC 43U6080GS	78PFC 43U6080GS	600	1928	800	89,00	1254,07
PFC 45U6080GS	78PFC 45U6080GS	600	2017	800	92,00	1297,60
PFC 47U6080GS	78PFC 47U6080GS	600	2106	800	94,00	1341,13
PFC 16U6010GS	78PFC 16U6010GS	600	728	1000	51,00	693,56
PFC 18U6010GS	78PFC 18U6010GS	600	817	1000	54,00	737,09
PFC 20U6010GS	78PFC 20U6010GS	600	906	1000	57,00	780,63



#### Rack Kabinleri

#### Rack Cabinet

#### Серверные шкафы

#### PRACTICAL FRAMEWORK (STANDART CABINET)

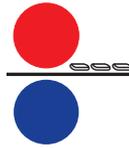


Sipariş kodu Order code Код заказа	Stok kodu Stock code Инвентаризационный код	X mm MM	W mm MM	D mm MM	Ağırlık(Kg/ad) Weight Вес (кг / шт)	Fiyat Price(USD) цена
PFC 25U6010GS	78PFC 25U6010GS	600	1128	1000	64,00	889,47
PFC 30U6010GS	78PFC 30U6010GS	600	1351	1000	72,00	998,18
PFC 34U6010GS	78PFC 34U6010GS	600	1528	1000	79,00	1098,23
PFC 38U6010GS	78PFC 38U6010GS	600	1706	1000	85,00	1185,30
PFC 42U6010GS	78PFC 42U6010GS	600	1884	1000	91,00	1272,30
PFC 43U6010GS	78PFC 43U6010GS	600	1928	1000	93,00	1294,07
PFC 45U6010GS	78PFC 45U6010GS	600	2017	1000	95,00	1337,61
PFC 47U6010GS	78PFC 47U6010GS	600	2106	1000	98,00	1381,14
PFC 16U8080GS	78PFC 16U8080GS	800	728	800	64,00	824,88
PFC 18U8080GS	78PFC 18U8080GS	800	817	800	67,00	876,73
PFC 20U8080GS	78PFC 20U8080GS	800	906	800	71,00	928,63
PFC 25U8080GS	78PFC 25U8080GS	800	1128	800	79,00	1058,28
PFC 30U8080GS	78PFC 30U8080GS	800	1351	800	89,00	1187,99
PFC 34U8080GS	78PFC 34U8080GS	800	1528	800	97,00	1306,03
PFC 38U8080GS	78PFC 38U8080GS	800	1706	800	104,00	1409,79
PFC 42U8080GS	78PFC 42U8080GS	800	1884	800	111,00	1513,48
PFC 43U8080GS	78PFC 43U8080GS	800	1928	800	113,00	1539,43
PFC 45U8080GS	78PFC 45U8080GS	800	2017	800	116,00	1591,28
PFC 47U8080GS	78PFC 47U8080GS	800	2106	800	119,00	1643,18
PFC 16U8010GS	78PFC 16U8010GS	800	728	1000	67,00	870,21
PFC 18U8010GS	78PFC 18U8010GS	800	817	1000	71,00	922,12
PFC 20U8010GS	78PFC 20U8010GS	800	906	1000	75,00	974,02
PFC 25U8010GS	78PFC 25U8010GS	800	1128	1000	84,00	1103,61
PFC 30U8010GS	78PFC 30U8010GS	800	1351	1000	92,00	1233,26
PFC 34U8010GS	78PFC 34U8010GS	800	1528	1000	101,00	1351,42
PFC 38U8010GS	78PFC 38U8010GS	800	1706	1000	109,00	1455,11
PFC 42U8010GS	78PFC 42U8010GS	800	1884	1000	115,00	1558,87
PFC 43U8010GS	78PFC 43U8010GS	800	1928	1000	119,00	1584,82
PFC 45U8010GS	78PFC 45U8010GS	800	2017	1000	120,00	1636,67
PFC 47U8010GS	78PFC 47U8010GS	800	2106	1000	124,00	1688,57

#### STRONG FRAMEWORK ( standart cabinet)



SFC 20U6060GS	78SFC 20U6060GS	600	906	600	70,00	1008,77
SFC 25U6060GS	78SFC 25U6060GS	600	1128	600	75,00	1117,72
SFC26U6060GS	78SFC26U6060GS	600	1351	600	82,00	1136,20
SFC 30U6060GS	78SFC 30U6060GS	600	1528	600	87,00	1226,74
SFC 34U6060GS	78SFC 34U6060GS	600	1706	600	93,00	1313,99
SFC 38U6060GS	78SFC 38U6060GS	600	1884	600	98,00	1401,11
SFC 42U6060GS	78SFC 42U6060GS	600	1928	600	100,00	1488,36
SFC 43U6060GS	78SFC 43U6060GS	600	2017	600	103,00	1510,13



Rack Kabinleri

Rack Cabinet

Серверные шкафы

#### STRONG FRAMEWORK ( standart cabinet)

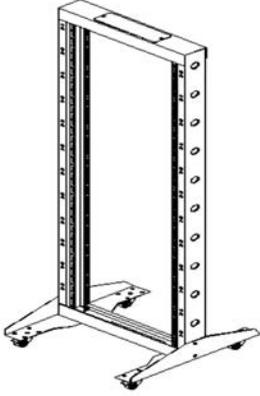


Sipariş kodu Order code Код заказа	Stok kodu Stock code Инвентаризационный код	X mm	W mm	D mm	Ağırlık(Kg/ad) Weight Вес (кг /шт)	Fiyat Price(USD) цена
SFC 45U6060GS	78SFC 45U6060GS	600	2106	600	106,00	1553,78
SFC 47U6060GS	78SFC 47U6060GS	600		600		1597,32
SFC 20U6080GS	78SFC 20U6080GS	600	906	800	75,00	1073,11
SFC 25U6080GS	78SFC 25U6080GS	600	1128	800	82,00	1182,13
SFC 30U6080GS	78SFC 30U6080GS	600	1351	800	88,00	1291,02
SFC 34U6080GS	78SFC 34U6080GS	600	1528	800	94,00	1378,27
SFC 38U6080GS	78SFC 38U6080GS	600	1706	800	100,00	1465,46
SFC 42U6080GS	78SFC 42U6080GS	600	1884	800	105,00	1552,65
SFC 43U6080GS	78SFC 43U6080GS	600	1928	800	107,00	1574,41
SFC 45U6080GS	78SFC 45U6080GS	600	2017	800	109,00	1618,07
SFC 47U6080GS	78SFC 47U6080GS	600	2106	800	94,00	1661,66
SFC 20U610GS	78SFC 20U610GS	600	906	1000	82,00	1137,40
SFC 25U610GS	78SFC 25U610GS	600	1128	1000	88,00	1246,41
SFC 30U610GS	78SFC 30U610GS	600	1351	1000	95,00	1355,43
SFC 34U610GS	78SFC 34U610GS	600	1528	1000	101,00	1442,56
SFC 38U610GS	78SFC 38U610GS	600	1706	1000	106,00	1529,80
SFC 42U610GS	78SFC 42U610GS	600	1884	1000	112,00	1616,99
SFC 43U610GS	78SFC 43U610GS	600	1928	1000	114,00	1638,76
SFC 45U610GS	78SFC 45U610GS	600	2017	1000	116,00	1682,35
SFC 47U610GS	78SFC 47U610GS	600	2106	1000	118,00	1725,95
SFC 20U8080GS	78SFC 20U8080GS	800	906	800	85,00	1189,90
SFC 25U8080GS	78SFC 25U8080GS	800	1128	800	92,00	1317,75
SFC 30U8080GS	78SFC 30U8080GS	800	1351	800	101,00	1445,61
SFC 34U8080GS	78SFC 34U8080GS	800	1528	800	107,00	1547,80
SFC 38U8080GS	78SFC 38U8080GS	800	1706	800	114,00	1650,06
SFC 42U8080GS	78SFC 42U8080GS	800	1884	800	120,00	1752,32
SFC 43U8080GS	78SFC 43U8080GS	800	1928	800	122,00	1777,85
SFC 45U8080GS	78SFC 45U8080GS	800	2017	800	125,00	1829,04
SFC 47U8080GS	78SFC 47U8080GS	800	2106	800	128,00	1880,11
SFC 20U810GS	78SFC 20U810GS	800	906	1000	91,00	1255,14
SFC 25U810GS	78SFC 25U810GS	800	1128	1000	99,00	1382,99
SFC 30U810GS	78SFC 30U810GS	800	1351	1000	107,00	1510,79
SFC 34U810GS	78SFC 34U810GS	800	1528	1000	114,00	1613,05
SFC 38U810GS	78SFC 38U810GS	800	1706	1000	120,00	1715,24
SFC 42U810GS	78SFC 42U810GS	800	1884	1000	127,00	1817,56
SFC 43U810GS	78SFC 43U810GS	800	1928	1000	129,00	1843,10
SFC 45U810GS	78SFC 45U810GS	800	2017	1000	132,00	1894,22
SFC 47U810GS	78SFC 47U810GS	800	2106	1000	135,00	1945,29



### Rack Kabinleri *Rack Cabinet* Серверные шкафы

#### OPEN FRAMEWORK



Sipariş kodu <i>Order code</i> Код заказа	Stok kodu <i>Stock code</i> Инвентаризационный код	X <i>mm</i> мм	W <i>mm</i> мм	D <i>mm</i> мм	Ağırlık(Kg/ad) <i>Weight</i> Вес (КГ / ШТ)	Fiyat <i>Price(USD)</i> Цена
OFS 25U	78OFS 25U	600	1260	600	21,00	246,79
OFS 38U	78OFS 38U	600	1835	600	25,00	285,96
OFS 43U	78OFS 43U	600	2060	600	28,00	303,13
OFS 45U	78OFS 45U	600	2150	600	30,00	322,74
OFD 25U	OFD 25U	600	1260	600	39,00	466,26
OFD 38U	OFD 38U	600	1835	600	48,00	544,96
OFD 43U	OFD 43U	600	2060	600	53,00	571,99
OFD 45U	OFD 45U	600	2150	600	58,00	598,18

#### OFFICE BOX

Sipariş kodu <i>Order code</i> Код заказа	Stok kodu <i>Stock code</i> Инвентаризационный код	X <i>mm</i> мм	W <i>mm</i> мм	D <i>mm</i> мм	Ağırlık(Kg/ad) <i>Weight</i> Вес (КГ / ШТ)	Fiyat <i>Price(USD)</i> Цена
OL 5U5350GS	78OL 5U5350GS	530	170	500	10,00	184,60

#### SOFT LINE



Sipariş kodu <i>Order code</i> Код заказа	Stok kodu <i>Stock code</i> Инвентаризационный код	X <i>mm</i> мм	W <i>mm</i> мм	D <i>mm</i> мм	Ağırlık(Kg/ad) <i>Weight</i> Вес (КГ / ШТ)	Fiyat <i>Price(USD)</i> Цена
SL -6U40	78SL -6U40	310	310	300	9,00	126,48
SL -9U40	78SL -9U40	310	443	300	11,00	154,40
SL-12U40	78SL-12U40	310	577	300	13,00	179,64

# ŞİRKET PROFİLİ



since  
1980

Elektrik sektörünün öncü kuruluşlarından olan GERSAN A.Ş., enerji santrallerinden evdeki prize kadar uzanan hat üzerindeki iletkenleri taşıyan, birleştiren, koruyan sistemleri ve malzemeleri üretmektedir.

Bu sektördeki üretimlerine 1980 yılında Gersan Ticaret olarak başlamıştır. 1985 yılından itibaren GERSAN A.Ş. olarak devam ederek 36 yıllık bir deneyime sahip olmuştur.

Ana faaliyet alanlarımız;

Binalar,  
Sanayi Tesisleri,  
Fabrikalar,  
Havaalanları,  
Petrol-Gaz Rafinerileri,  
Alışveriş Merkezleri,  
Oteller

gibi üretim-tüketim sistemlerinin ihtiyacı olan

Busbar İletim ve Dağıtım Sistemleri,  
Kablo Taşıyıcı Sistemleri,  
Taşıma-Askı Elemanları,  
Topraklama ve Yıldırımdan Korunma Sistemleri,  
Ana-Ara Dağıtım Panoları ve Rack Kabinleri,  
Elektrikli Araç Şarj Sistemleri,  
Otomasyon Sistemleri,  
Döşeme Altı Kanal taşıyıcıları ve Buatları,  
Çeşitli Kablo Birleştirme ve Ayırma Elemanları,  
Kablo ve Boru Etiketleme Sistemleri,  
Özel taşıyıcı, Çelik Konstrüksiyon Birleştirme ve Sabitleştirme Sistemleri,  
Platform Izgaraları Sistemleridir.

GERSAN A.Ş. üretime başladığı günden bu yana işinde uzman teknik ve akademik personeliyle ürünlerin üretimlerinden kullanımına kadar olan aşamasında her türlü teknik hizmet ve çözümleri müşterisine sunmaktadır. Bu anlamda GERSAN A.Ş. tam anlamıyla bir "AR-GE" dolayısıyla "Teknoloji" firması olup müşterilerine geleceğin ürünlerini sunar.

Firmamız bünyesinde bulunan modern test laboratuvarında, IEC/TS EN 61439/1 ve 2 standartlarında adı geçen; Sıcaklık artışının, Elektriksel karakteristiklerinin, Yapısal dayanımın, Ezilmeye karşı dayanımın, Olağandışı ısılarla karşı izolasyon dayanımının, Alev yayılımına karşı dayanıklılığın doğrulanması, Yangın bariyeri ve EMC testleri hassas cihazlar ile yapılmaktadır.

Uluslararası belgelere dayandırdığımız üretimlerimiz, GOST, IEC, BS, TSE, EN, ISO 9001 ISO 14001, ISO 18001, CE sertifikalarımız ile Vietnam'dan Şili'ye, Arjantin'den Sri Lanka'ya, Cezayir'den Rusya'ya, Fas'tan Türki Cumhuriyetlere, Arnavutluk'tan Dubai'ye ve Katar'a, çeşitli ülkelerde gerçekleşen projelerde ülkemizin gurur kaynağı olmaktadır.

Kalite politikamız, müşterilerimizin isteklerini karşılayacak kaliteli ürün ve hizmetleri en ekonomik şekilde sunmak, zamanında teslim etmek, hizmetin ve kalitenin sürekliliğini sağlamaktır. Hedefimiz kaliteli ve iyi malzemeyi sürekli olarak üretmektir. Temel hedefimiz, konumuzda bir dünya markası olmaktır.

Ürünlerimiz patentlidir. Gersan A.Ş., %66'ı halka açık olan, BIST 100'e kote olmuş bir şirkettir.

## Company Profile

GERSAN A.S., a leading company in electrical industry manufactures that carry, combine and protect systems and materials conductive over the line from power plants to the sockets at houses.

Manufacture in this industry started in 1980 under the name Gersan Ticaret. From 1985 onwards, it went on business under the name GERSAN A.S. and had an experience spanning 33 years.

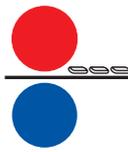
Our main fields of operations are: manufacture of Busbar transmission and Distribution systems, Cable support systems, Grounding and Lightning prevention systems, spark gap arresters, main and intermediate distribution plates, elevated type cable supports and bays, ventilation systems, support elements, various cable combinations, disconnect, connect and support elements, cable and pipe tagging systems, special conveyors that must be applied at any kind of projects, steel construction combination and fixation systems required for Building, Industrial plants, Car factories, Airports, Oil-Gas refineries, Malls, platform grills and fixation to concrete systems.

Since the very first day of starting production, GERSAN A.S., provides any kind of technical services and solutions to its customers at stages from production of items to their use with qualified technical and academic personnel. In this sense, GERSAN A.S. is a complete "R&D" and "Technology" company and provides its customers with the future's products.

Verification of temperature increase, electrical characteristics, structural strength, strength against crush, isolation strength against extraordinary temperatures, flame propagation strength, fire barrier, voltage decrease in system and EMC tests mentioned in IEC EN 61439/1 and 2 standards are executed by means of precision devices. Our items which hold international certificates such as GOST, IEC, BS, TSE, EN, ISO 9001, ISO 14001, ISO 18001 CE are source of pride at projects realized at various countries such as Viet Nam, Chili, Argentina, Sri Lanka, Algeria, Russia Morocco, Turkic countries, Albania, Dubai and Qatar. Our quality policy is to offer quality items and services that would meet requirements of our customers for competitive prices, to make timely deliveries and to ensure continuance of high quality items of operation. Our basic target is to be a world brand at our field

Our products are under patent. Gersan A.S. company quoted to BIST 100 (Istanbul Stock Exchange)

Our quality policy is to offer quality items and services that would meet requirements of our customers for competitive prices, to make timely deliveries and to ensure continuance of high quality items of operation. Our basic target is to be a world brand at our field



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Atambaeva Str. No:10B Atyrau City.  
REPUBLIC OF KAZAKHISTAN  
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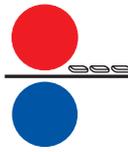
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280, Blk. 356,Salmaniya  
Kingdom of Bahrain



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Lane No-1, Block-B Section - 6,  
MIRPUR, DHAKA-1216 BANGLADESH  
Tel: +88-02-8035388 Fax: +88-02-9014847  
http://www.powerbreezebd.com/

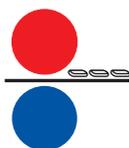


ETS Caporal Et Moretti SAL  
125 Corniche Du Fleuve, Saphir Immobiliare Sal Bldg.  
BEIRUT-LEBANON  
TEL:+961-1-444555 FAX:+961-1-446688



### ENSYTEC

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[www.croon.nl](http://www.croon.nl)



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**Polarvista**  
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BUILDING, 317-319 DES VOEUX ROAD CENTRAL,  
HONG KONG



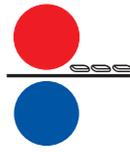
WSA - 06, Block-18  
F. B. Area (Industrial)  
Karachi, Pakistan.  
Phone: 0092-21-36341930, 36367002  
Fax : 0092-21-36829633  
Email : [info@hussain-co.com](mailto:info@hussain-co.com)  
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Пос. Невское, ул. Совхозная, 3  
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Тел : +370 671 52 500

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**Rainbow Machinery Solutions Pvt Ltd**  
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Palace Road, Vasanthnagar, Bangalore - 560052  
+91 80 41611980



**PETROHOUSE INTERNATIONAL LLC**

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| Bausher | Opposite Dolphin Village 1 Muscat

| Sultanate of Oman Off: 00 - 968 - 22009701

| E mail: sales@petrohouseinternational.com

Web : www.petrohouseinternational.com

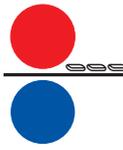


**PETROHOUSE INTERNATIONAL DMCC**

PO Box 233908 | Dubai | United Arab Emirates

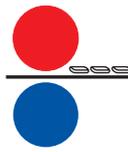
Tel : + 971 44532870, + 971 65633102

Email: uaesales@petrohouseinternational.com



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ELPARTS ENTERPRISES  
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HMA MÜHENDİSLİK  
İZAYDAŞ  
ZORLU DOĞAL ENERJİ  
TÜRKİYE TAŞ KÖMÜRÜ KURUMU  
ŞALT OTOMASYON  
YILMAZLAR ELEKTRİK OTOMASYON  
EMA TEKNİK ELEKTRİK  
GERSAN-EMİ  
VARYANS ENERJİ  
ERDEM PANO  
DENGE ENERJİ  
FABER İNŞAAT  
SCHENKER DEUTSCHLAND  
DEPAC ENERJİ  
HANWHA ENGINEERING  
EXPOWESTRANS  
GVD ELEKTRİK  
BAŞKAL ELEKTRİK  
UPHILL COURT  
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ODR OTOMASYON  
DHL TRADE  
ZATEL PRES  
İLERBA  
ASİL PANO  
VALUE ENGINEERING  
VEIKI VNL  
OKSİD BİLİŞİM  
KUZEY KARGO  
JAMAHEER CONST.  
ATİ DIŞ TİCARET  
ANUPAN HOSIERY  
ER ÇELİK  
USLU GRUP  
SAYEMAN BEACH RESULT  
ONNINEN SP.  
AYKON PANO  
METEKSAN ELEKTRİK  
A.R.C.H.Y. ENERJİ



INSTITUT „PRÜFFELD FÜR ELEKTRISCHE HOCHLEISTUNGSTECHNIK“ GMBH 

Independent, accredited testing station · Member laboratory of STL and LDVAG

## TEST CONFIRMATION

on the given range of performed tests

GERSAN Elektrik Tic. ve San. A.Ş. Tuzla Mermerciiler Org. San. Bölgesi yanyol cad. no. 6 PK:57 TUZLA-İSTANBUL TURKEY	CLIENT	
GERSAN Elektrik Tic. ve San. A.Ş. Tuzla Mermerciiler Org. San. Bölgesi	MANUFACTURER	
450 A / 415 V / 690 V / 8 kV B <sub>1</sub> / U <sub>1</sub> / U <sub>2</sub> / U <sub>max</sub> 50 Hz low-voltage switchgear assembly incorporating a three-phase vertical main busbar system and twelve horizontal outgoing circuits	TEST OBJECT	
GDB 450R12	TYPE	
Test sample	SERIAL NO	
Rated operational voltage Rated insulation voltage Rated impulse withstand voltage Rated current Rated conditional short-circuit current Rated conditional short-circuit current main busbar Rated frequency	U <sub>1</sub> 415 V AC U <sub>2</sub> 690 V AC U <sub>imp</sub> 8 kV I <sub>n</sub> 450 A I <sub>sc</sub> 35 kA I <sub>sc</sub> 36 kA f 50 Hz	RATED CHARACTERISTICS GIVEN BY THE CLIENT
IEC 60439-1: 2004-04		NORMATIVE DOCUMENT
Verification of - temperature-rise limits - the dielectric properties - the short-circuit withstand strength - the effectiveness of protective circuit		RANGE OF TESTS PERFORMED
11 to 28 November 2008		DATE OF TEST
The performance of the apparatus was considered satisfactory and subject to final analysis of the test results, verification of the assembly to drawings and scrutiny by Intertek Testing & Certification Ltd. an ASTA Certificate will be issued with respect to these tests. The test results are documented in the ASTA Certificate No. 17029 (Laboratory Ref. No. 1624.20813028.79).		TEST RESULT

   
RONALD BORCHERT  
ASTA Observer  
BERLIN, 08 December 2008  
DAGMAR HAUSCHILD  
Test engineer in charge



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 DAT - P - 019/02

IPH · LANDSBERGER ALLEE 378 · D-12681 BERLIN · TEL. 030/54 96 02 00 · FAX 030/54 96 02 22

## ASTA

### CERTIFICATE OF SELECTED TYPE TESTS

Laboratory Ref. No: 1624.2081302.879 Certificate No. 17029

APPARATUS: 450 A / 400 V / 690 V / 8 kV (U<sub>1</sub> / U<sub>2</sub> / U<sub>max</sub>), 50 Hz low-voltage switchgear assembly incorporating a three-phase vertical main busbar system and twelve horizontal outgoing circuits

DESIGNATION: GDB 450R12

MANUFACTURER: GERSAN Elektrik Tic. ve San. A.Ş.  
Tuzla Mermerciiler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K.57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY

DATE(S) OF TESTS: 11 to 28 November 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with  
IEC 60439-1: 2004-04, Sub-clauses 8.2.1, 8.2.2, 8.2.3 and 8.2.4

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by the tests see Page 1.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 42 pages, 5 diagrams, 10 oscillograms, 10 photographs, 3 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from Intertek, Hillon House, Corporation Street, Rugby, Warwickshire, CV21 2JN, United Kingdom.

    
ASTA Observer  
R. Borchert  
Certification Manager  
Date

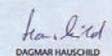
INSTITUT „PRÜFFELD FÜR ELEKTRISCHE HOCHLEISTUNGSTECHNIK“ GMBH 

Independent, accredited testing station · Member laboratory of STL and LDVAG

## TEST CONFIRMATION

on the given range of performed tests

GERSAN Elektrik Tic. ve San. A.Ş. Tuzla Mermerciiler Org. San. Bölgesi yanyol cad. no. 6 PK:57 TUZLA-İSTANBUL TURKEY	CLIENT	
GERSAN Elektrik Tic. ve San. A.Ş. Tuzla Mermerciiler Org. San. Bölgesi	MANUFACTURER	
200 A / 415 V / 690 V / 6 kV B <sub>1</sub> / U <sub>1</sub> / U <sub>2</sub> / U <sub>max</sub> 50 Hz low-voltage switchgear assembly incorporating a three-phase vertical main busbar system and twelve horizontal outgoing circuits	TEST OBJECT	
GDB 200R12	TYPE	
Test sample	SERIAL NO	
Rated operational voltage Rated insulation voltage Rated impulse withstand voltage Rated current Rated conditional short-circuit current Rated conditional short-circuit current main busbar Rated frequency	U <sub>1</sub> 415 V AC U <sub>2</sub> 690 V AC U <sub>imp</sub> 6 kV I <sub>n</sub> 200 A I <sub>sc</sub> 10 kA I <sub>sc</sub> 26 kA f 50 Hz	RATED CHARACTERISTICS GIVEN BY THE CLIENT
IEC 60439-1: 2004-04		NORMATIVE DOCUMENT
Verification of - temperature-rise limits - the dielectric properties - the short-circuit withstand strength - the effectiveness of protective circuit		RANGE OF TESTS PERFORMED
12 to 28 November 2008		DATE OF TEST
The performance of the apparatus was considered satisfactory and subject to final analysis of the test results, verification of the assembly to drawings and scrutiny by Intertek Testing & Certification Ltd. an ASTA Certificate will be issued with respect to these tests. The test results are documented in the ASTA Certificate No. 17028 (Laboratory Ref. No. 1624.20813018.78).		TEST RESULT

   
RONALD BORCHERT  
ASTA Observer  
BERLIN, 08 December 2008  
DAGMAR HAUSCHILD  
Test engineer in charge



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Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH (IPH Berlin) is a subsidiary of CEM SpA, Milan.

 DAT - P - 019/02

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## ASTA

### CERTIFICATE OF SELECTED TYPE TESTS

Laboratory Ref. No: 1624.2081301.878 Certificate No. 17028

APPARATUS: 200 A / 400 V / 690 V / 6 kV (U<sub>1</sub> / U<sub>2</sub> / U<sub>max</sub>), 50 Hz low-voltage switchgear assembly incorporating a three-phase vertical main busbar system and twelve horizontal outgoing circuits

DESIGNATION: GDB 200R12

MANUFACTURER: GERSAN Elektrik Tic. ve San. A.Ş.  
Tuzla Mermerciiler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K.57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY

DATE(S) OF TESTS: 11 to 28 November 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with  
IEC 60439-1: 2004-04, Sub-clauses 8.2.1, 8.2.2, 8.2.3 and 8.2.4

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by the tests see Page 1.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 38 pages, 5 diagrams, 7 oscillograms, 7 photographs, 3 drawings and no other sheets.

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ASTA Observer  
R. Borchert  
Certification Manager  
Date



INSTITUT „PRÜFFELD FÜR ELEKTRISCHE HOCHLEISTUNGSTECHNIK“ GMBH **IPH BERLIN**

Independent, accredited testing station - Member laboratory of STL and LOVAG

## TEST CONFIRMATION

on the given range of performed tests

GERSAN Elektrik Tic. ve San. A.Ş. Tuzla Memeciler Org. San. Bölgesi yanyol cad. no. 6 PK57 TUZLA-İSTANBUL TURKEY	CLIENT	
GERSAN Elektrik Tic. ve San. A.Ş. Tuzla Memeciler Org. San. Bölgesi	MANUFACTURER	
125 A / 415 V / 690 V / 8 kV $U_n$ / $U_i$ / $U_{max}$ 50 Hz low-voltage switchgear assembly incorporating a three-phase vertical main busbar system and twelve horizontal outgoing circuits	TEST OBJECT	
GDB 125R12	TYPE	
Test sample	SERIAL NO	
Rated operational voltage $U_n$	415 V AC	RATED CHARACTERISTICS GIVEN BY THE CLIENT
Rated insulation voltage $U_i$	690 V AC	
Rated impulse withstand voltage $U_{imp}$	8 kV	
Rated current $I_n$	125 A	
Rated conditional short-circuit current $I_{sc}$	10 kA	
Rated conditional short-circuit current main busbar $I_{sc}$	16 kA	
Rated frequency $f$	50 Hz	
IEC 60439-1: 2004-04	NORMATIVE DOCUMENT	
Verification of - temperature-rise limits - dielectric properties - the short-circuit withstand strength - the effectiveness of protective circuit	RANGE OF TESTS PERFORMED	
10 to 28 November 2008	DATE OF TEST	
The performance of the apparatus was considered satisfactory and subject to final analysis of the test results, verification of the assembly to drawings and scrutiny by Intertek Testing & Certification Ltd. an ASTA Certificate will be issued with respect to these tests. The test results are documented in the ASTA Certificate No. 17027 (Laboratory Ref. No. 1624.2081299877).		
 <b>RONALD BORCHERT</b> ASTA Observer Berlin, 08 December 2008		 <b>DAGMAR HAUSCHILD</b> Test engineer in charge
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# ASTA

## CERTIFICATE OF SELECTED TYPE TESTS

Laboratory Ref. No: 1624.2081299.877 Certificate No. 17027

APPARATUS: 125 A / 400 V / 690 V / 8 kV ( $U_n$  /  $U_i$  /  $U_{max}$ ), 50 Hz low-voltage switchgear assembly incorporating a three-phase vertical main busbar system and twelve horizontal outgoing circuits

DESIGNATION: GDB 125R12

MANUFACTURER: GERSAN Elektrik Tic. ve San. A.Ş.  
Tuzla Memeciler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K.57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY

DATE(S) OF TESTS: 10 to 28 November 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with IEC 60439-1: 2004-04, Sub-clauses 8.2.1, 8.2.2, 8.2.3 and 8.2.4

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by the tests see Page 1.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

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010

**ASTA Observer**  
**R. Borchert**  
 Certification Manager  
 Date

# Esim

Test Report issued under the responsibility of ESIM /  
Deney raporu Esim'in sorumluluğunda yayımlanmıştır

## IP65 TEST RAPORU / IP65 TEST REPORT

IEC EN 60529/TS3033 EN 60529

Referans No / Reference No. L08001-2008/252-1-4

Test eden / Tested by Serkan KEFALI

Onaylayan / Approved by Engin URULU

Test Tarihi / Date of tests 09.07.2008 IP6X / 10.07.2008 IPX5

Rapor tarihi / Date of report 14.07.2008

Test Laboratuvarı / Testing Laboratory Esim Test Hizmetleri A.Ş.

Adres / Address IMES Sanayi Sitesi C Blok 308. Sok. No:46  
34775 Y. Dudullu - İstanbul Turkey / Türkiye

Başvuru Sahibi / Applicant's name GERSAN Elektrik Tic. ve San. A.Ş.

Adres / Address Mermerçiler Organize San. Bölgesi Gazı Bulvarı No 37-39-41  
Tuzla / İstanbul Turkey / Türkiye

Test tanımı ve yönetmelik/Test specification and directive: IP6X toza karşı ve IPX5 suya karşı koruma testleri / Test for protection against dust and water - Low Voltage Directive / Aİçak Gerilim Yönetmeliği 2006/95/EC (73/23/AT)

Standart / Standard IEC 60529: 1989-11 + A1: 1999; IEC 60529 Ed 2: 1.2001-02; EN 60529: 1991-10 (incl. Corrigendum: 1993-05) + A1: 2000-02; TS3033 EN 60529: 1997-03

Test Prosedürü / Test procedure N/A (YOK)

Standart olmayan test metodu / Non-standard test method N/A (YOK)

Test Rapor Form No / Test Report Form No N/A (YOK)

TRF Sahibi / TRF Originator Esim

Açıklamalar / General remarks:  
Raporıda yer alan sonuçlar test edilen numuneyi kapsamaktadır. / The test results presented in this report relate to the object tested.

Test Ürün tanımı / Test item description Katodik Koruma Test Panosu / Cathodic Protection Test Box

Ticari İsim / Trade Mark GERSAN

Üretici / Manufacturer GERSAN Elektrik Tic. Ve San. A.Ş. Turkey / Türkiye

Model(Tip) / Model(Type) reference N/A(Belirtilmemiş)

Veriler / Ratings N/A(Belirtilmemiş)

ESİM  
 Test Hizmetleri Sanayi ve Ticaret A.Ş.  
 İmce Sanayi Sitesi C Blok 308. Sok. No:46  
 81360 Y. Dudullu-İSTANBUL  
 Sermayesi: 3.000.000 TL

TRF No. ESM1000 TRF originator: Esim

Independent, accredited testing station - Member laboratory of STL and LOVAG

# TEST REPORT

NO. 1624.2090893.1024

GERSAN Elektrik Tic. ve San. A.Ş.  
Tuzla Memeciler Org. San. Bölgesi  
yanyol cad. no. 6  
PK57 TUZLA-İSTANBUL  
TURKEY

CLIENT

GERSAN Elektrik Tic. ve San. A.Ş. MANUFACTURER

Low-voltage power switchgear and controlgear assembly TEST OBJECT

3200 A assembly TYPE

Test sample SERIAL NO

Rated voltage $U_n$	415 V	RATED CHARACTERISTICS GIVEN BY THE CLIENT
Rated operational voltage $U_o$	415 V	
Rated insulation voltage $U_i$	690 V	
Rated impulse withstand voltage $U_{imp}$	6 kV	
Rated current of the assembly $I_n$	2750 A	
Rated peak withstand current $I_{pk}$	143 kA	
Rated short-time withstand current $I_{st}$	65 kA 1 s	
Rated conditional short-circuit current $I_{sc}$	65 kA	
Rated frequency $f$	50 Hz	
Degree of protection	IP1X	

IEC 61439-2: Edition 1.0: 2009-01 NORMATIVE DOCUMENT

Design verification of

- degree of protection
- clearances and creepage distances
- dielectric properties
- temperature rise
- short-circuit withstand strength

11 January to 02 February 2010 DATE OF TEST

See Sub-clauses 4.6, 5.6, 6.6, 7.5 and 8.6 TEST RESULT

**STEFAN SCHWANN**  
 Head of Centre of Competence  
 Low-Voltage & Railway Equipment  
 Berlin, 17 June 2010

**JÖRG KREMZOW**  
 Test engineer in charge

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 DAT - P - 019/92



**TÜRK AKREDİTASYON KURUMU**

SAYI : B.14.2.TÜA.0.09.50.00/425/3453 Tarih:08.07.2011  
KONU : Akredite Ürün Belgelendirme Kuruluşu

**GERSAN Elektrik Tic. Ve San. A.Ş.  
İSTANBUL**

**İLGİ :** 28.06.2011 tarihli yazınız.

İlgi'de belirtilen yazınız ile Akreditasyon durumunu sormuş olduğunuz "Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2 DN, UK" adresinde yerleşik "ASTA BEAB Certification Service" isimli Ürün Belgelendirme Kuruluşu 2007 yılından beri Intertek Testing & Certification Ltd. Firması tarafından satın alınmış olup yukarıdaki aynı adreste faaliyet göstermektedir ve Uluslararası Akreditasyon Formu-IAF ve Avrupa Akreditasyon Birliği-EA bünyesinde tanınmış olan İngiltere Akreditasyon Kuruluşu (UKAS) tarafından ürün belgelendirme konusunda EN 45011 Standardına göre Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways) IEC 60439-2:2005 standardı için "010" akreditasyon numarası ile ekteki ürünler akredite olup, bahse konu belgeler akreditasyon kapsamında düzenlenmekte olup geçerliliği devam etmektedir.

Bilgilerinizi rica ederim.

*H. İrfan AKSOY*  
Genel Sekreter V.

**EK: 16932 No'lu Sertifika**

Esat Caddesi No: 41 06660 Küçükesat / ANKARA  
Tel: +90 312 410 82 00 Fax: +90 312 419 87 00 e-mail: turkak@turkak.org.tr

**ASTA** 17227

**CERTIFICATE OF TYPE TESTS**

Laboratory Ref. No: 1624.2080603.709 Certificate No. 16932

APPARATUS: 1000 A / 400 V / 690 V (L / U / U), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

DESIGNATION: GS 1000A

MANUFACTURER: GERSAN Elektrik Tic. ve San. A. S.  
Tuzla Mermerciiler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K.57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY

DATE(S) OF TESTS: 02 September to 08 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:

IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises: 59 pages, 7 diagrams, 4 oscillograms, 13 photographs, 6 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

**UKAS**  
CERTIFICATION  
010

**ASTA Observer**  
J. Haring  
Certification  
Manager

Date

**TÜRK AKREDİTASYON KURUMU**

SAYI : B.14.2.TÜA.0.09.50.00/424/3454 Tarih:08.07.2011  
KONU : Akredite Ürün Belgelendirme Kuruluşu

**GERSAN Elektrik Tic. Ve San. A.Ş.  
İSTANBUL**

**İLGİ :** 28.06.2011 tarihli yazınız.

İlgi'de belirtilen yazınız ile Akreditasyon durumunu sormuş olduğunuz "Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2 DN, UK" adresinde yerleşik "ASTA BEAB Certification Service" isimli Ürün Belgelendirme Kuruluşu 2007 yılından beri Intertek Testing & Certification Ltd. Firması tarafından satın alınmış olup yukarıdaki aynı adreste faaliyet göstermektedir ve Uluslararası Akreditasyon Formu-IAF ve Avrupa Akreditasyon Birliği-EA bünyesinde tanınmış olan İngiltere Akreditasyon Kuruluşu (UKAS) tarafından ürün belgelendirme konusunda EN 45011 Standardına göre Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways) IEC 60439-2:2005 standardı için "010" akreditasyon numarası ile ekteki ürünler akredite olup, bahse konu belgeler akreditasyon kapsamında düzenlenmekte olup geçerliliği devam etmektedir.

Bilgilerinizi rica ederim.

*H. İrfan AKSOY*  
Genel Sekreter V.

**EK: 16933 No'lu Sertifika**

Esat Caddesi No: 41 06660 Küçükesat / ANKARA  
Tel: +90 312 410 82 00 Fax: +90 312 419 87 00 e-mail: turkak@turkak.org.tr

**ASTA** 17228

**CERTIFICATE OF TYPE TESTS**

Laboratory Ref. No: 1624.2080604.710 Certificate No. 16933

APPARATUS: 1250 A / 400 V / 690 V (L / U / U), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

DESIGNATION: GS 1250A

MANUFACTURER: GERSAN Elektrik Tic. ve San. A. S.  
Tuzla Mermerciiler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K.57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY

MPA Dresden GmbH  
Certificated testing laboratory for fire-fighting mediums and equipment  
Fuchsmühlweg 6 F  
09509 Freiberg, GERMANY

DATE(S) OF TESTS: 02 September to 08 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:

IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

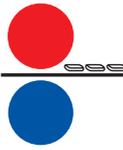
This Certificate comprises: 60 pages, 7 diagrams, 5 oscillograms, 13 photographs, 6 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

**UKAS**  
CERTIFICATION  
010

**ASTA Observer**  
J. Haring  
Certification  
Manager

Date



**TÜRK AKREDİTASYON KURUMU**

**SAYI** : B.14.2.TÜA.0.09.50.00/420/3449 **Tarih:**08.07.2011  
**KONU** : Akredite Ürün Belgelendirme Kuruluşu

**GERSAN Elektrik Tic. Ve San. A.Ş.**  
**İSTANBUL**

**İLGİ** : 28.06.2011 tarihli yazımız.

İlgi'de belirtilen yazınız ile Akreditasyon durumunu sormuş olduğumuz "Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2 DN, UK" adresinde yerleşik "ASTA BEAB Certification Service" isimli Ürün Belgelendirme Kuruluşu 2007 yılından beri Intertek Testing & Certification Ltd. Firması tarafından satın alınmış olup yukarıdaki aynı adreste faaliyet göstermektedir ve Uluslararası Akreditasyon Formu-IAF ve Avrupa Akreditasyon Birliği-EA bünyesinde tanınırlığı olan İngiltere Akreditasyon Kuruluşu (UKAS) tarafından ürün belgelendirme konusunda EN 45011 Standardına göre Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways) IEC 60439-2:2005 standardı için "010" akreditasyon numarası ile ekteki ürünler akredite olup, bahse konu belgeler akreditasyon kapsamında düzenlenmekte olup geçerliliği devam etmektedir.

Bilgilerinizi rica ederim.

**H. İrfan AKSOY**  
Genel Sekreter V.

**EK: 16934 No'lu Sertifika**

Esat Caddesi No: 41 06660 Küçüksesat / ANKARA  
Tel: +90 312 410 82 00 Fax: +90 312 419 87 00 e-mail: turkak@turkak.org.tr

**ASTA** 172 29

**CERTIFICATE OF TYPE TESTS**

**Laboratory Ref. No:** 1624.2080605.711 **Certificate No.** 16934

**APPARATUS:** 1600 A / 400 V / 690 V (I, / U, / U), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

**DESIGNATION:** GS 1600A

**MANUFACTURER:** GERSAN Elektrik Tic. ve San. A. S.  
Tuzla Mermerçiler Org. San. Bölgesi  
yanyol cad. no 6  
P.K.57 TUZLA-İSTANBUL  
TURKEY

**TESTED BY:** Institut „Prüfwerk für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY  
MPA Dresden GmbH  
Certified testing laboratory for fire-fighting mediums and equipment  
Fuchsmühlweg 6 F  
09599 Freiberg, GERMANY

**DATE(S) OF TESTS:** 02 September to 08 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:

IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 60 pages, 7 diagrams, 5 oscillograms, 13 photographs, 6 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

**TÜRKAK** ASTA Observer  
J. Haring  
Certification  
Manager  
Date

**TÜRK AKREDİTASYON KURUMU**

**SAYI** : B.14.2.TÜA.0.09.50.00/423/3451 **Tarih:**08.07.2011  
**KONU** : Akredite Ürün Belgelendirme Kuruluşu

**GERSAN Elektrik Tic. Ve San. A.Ş.**  
**İSTANBUL**

**İLGİ** : 28.06.2011 tarihli yazımız.

İlgi'de belirtilen yazınız ile Akreditasyon durumunu sormuş olduğumuz "Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2 DN, UK" adresinde yerleşik "ASTA BEAB Certification Service" isimli Ürün Belgelendirme Kuruluşu 2007 yılından beri Intertek Testing & Certification Ltd. Firması tarafından satın alınmış olup yukarıdaki aynı adreste faaliyet göstermektedir ve Uluslararası Akreditasyon Formu-IAF ve Avrupa Akreditasyon Birliği-EA bünyesinde tanınırlığı olan İngiltere Akreditasyon Kuruluşu (UKAS) tarafından ürün belgelendirme konusunda EN 45011 Standardına göre Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways) IEC 60439-2:2005 standardı için "010" akreditasyon numarası ile ekteki ürünler akredite olup, bahse konu belgeler akreditasyon kapsamında düzenlenmekte olup geçerliliği devam etmektedir.

Bilgilerinizi rica ederim.

**H. İrfan AKSOY**  
Genel Sekreter V.

**EK: 16935 No'lu Sertifika**

Esat Caddesi No: 41 06660 Küçüksesat / ANKARA  
Tel: +90 312 410 82 00 Fax: +90 312 419 87 00 e-mail: turkak@turkak.org.tr

**ASTA** 172 30

**CERTIFICATE OF TYPE TESTS**

**Laboratory Ref. No:** 1624.2080606.712 **Certificate No.** 16935

**APPARATUS:** 2000 A / 400 V / 690 V (I, / U, / U), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

**DESIGNATION:** GS 2000A

**MANUFACTURER:** GERSAN Elektrik Tic. ve San. A. S.  
Tuzla Mermerçiler Org. San. Bölgesi  
yanyol cad. no 6  
P.K.57 TUZLA-İSTANBUL  
TURKEY

**TESTED BY:** Institut „Prüfwerk für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY  
MPA Dresden GmbH  
Certified testing laboratory for fire-fighting mediums and equipment  
Fuchsmühlweg 6 F  
09599 Freiberg, GERMANY

**DATE(S) OF TESTS:** 02 September to 08 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:

IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 60 pages, 7 diagrams, 5 oscillograms, 13 photographs, 6 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

**TÜRKAK** ASTA Observer  
J. Haring  
Certification  
Manager  
Date



**TÜRK AKREDİTASYON KURUMU**

SAYI : B.14.2.TÜA.0.09.50.00/422/3452 Tarih:08.07.2011  
KONU : Akredite Ürün Belgelendirme Kuruluşu

**GERSAN Elektrik Tic. Ve San. A.Ş.  
İSTANBUL**

**İLGI** : 28.06.2011 tarihli yazınız.

İlgi'de belirtilen yazınız ile Akreditasyon durumunu sormuş olduğunuz "Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2 DN, UK" adresinde yerleşik "ASTA BEAB Certification Service" isimli Ürün Belgelendirme Kuruluşu 2007 yılından beri Intertek Testing & Certification Ltd. Firması tarafından satın alınmış olup yukarıdaki aynı adreste faaliyet göstermektedir ve Uluslararası Akreditasyon Formu-IAF ve Avrupa Akreditasyon Birliği-EA bünyesinde tanınmış olan İngiltere Akreditasyon Kuruluşu (UKAS) tarafından ürün belgelendirme konusunda EN 45011 Standardına göre Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways) IEC 60439-2:2005 standardı için "010" akreditasyon numarası ile ekteki ürünler akredite olup, bahse konu belgeler akreditasyon kapsamında düzenlenmekte olup geçerliliği devam etmektedir.

Bilgilerinizi rica ederim.

*H. İrfan AKSOY*  
H. İrfan AKSOY  
Genel Sekreter V.

**EK: 16936 No'lu Sertifika**

Esat Caddesi No: 41 06660 Küçüksat / ANKARA  
Tel: +90 312 410 82 00 Fax: +90 312 419 87 00 e-mail: turkak@turkak.org.tr

**ASTA** 172 31

**CERTIFICATE OF TYPE TESTS**

Laboratory Ref. No: 1624.2080607.713 Certificate No. 16936

APPARATUS: 2500 A / 400 V / 690 V (L / U / U), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

DESIGNATION: GS 2500A

MANUFACTURER: GERSAN Elektrik Tic. ve San. A. Ş.  
Tuzla Mermerler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K:57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY  
MPA Dresden GmbH  
Certificated testing laboratory for fire-fighting mediums and equipment  
Fuchsmühlweg 6 F  
09599 Freiberg, GERMANY

DATE(S) OF TESTS: 02 September to 06 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:  
IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 58 pages, 7 diagrams, 5 oscillograms, 11 photographs, 8 drawings and no other sheets.

Only Integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

UKAS  
CERTIFICATION  
010

ASTA Observer  
J. Haring  
Certification  
Manager  
Date

**TÜRK AKREDİTASYON KURUMU**

SAYI : B.14.2.TÜA.0.09.50.00/421/3450 Tarih:08.07.2011  
KONU : Akredite Ürün Belgelendirme Kuruluşu

**GEMSAN Elektrik Tic. Ve San. A.Ş.  
İSTANBUL**

**İLGI** : 28.06.2011 tarihli yazınız.

İlgi'de belirtilen yazınız ile Akreditasyon durumunu sormuş olduğunuz "Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2 DN, UK" adresinde yerleşik "ASTA BEAB Certification Service" isimli Ürün Belgelendirme Kuruluşu 2007 yılından beri Intertek Testing & Certification Ltd. Firması tarafından satın alınmış olup yukarıdaki aynı adreste faaliyet göstermektedir ve Uluslararası Akreditasyon Formu-IAF ve Avrupa Akreditasyon Birliği-EA bünyesinde tanınmış olan İngiltere Akreditasyon Kuruluşu (UKAS) tarafından ürün belgelendirme konusunda EN 45011 Standardına göre Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways) IEC 60439-2:2005 standardı için "010" akreditasyon numarası ile ekteki ürünler akredite olup, bahse konu belgeler akreditasyon kapsamında düzenlenmekte olup geçerliliği devam etmektedir.

Bilgilerinizi rica ederim.

*H. İrfan AKSOY*  
H. İrfan AKSOY  
Genel Sekreter V.

**EK: 16937 No'lu Sertifika**

Esat Caddesi No: 41 06660 Küçüksat / ANKARA  
Tel: +90 312 410 82 00 Fax: +90 312 419 87 00 e-mail: turkak@turkak.org.tr

**ASTA** 172 32

**CERTIFICATE OF TYPE TESTS**

Laboratory Ref. No: 1624.2080608.714 Certificate No. 16937

APPARATUS: 3200 A / 400 V / 690 V (L / U / U), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

DESIGNATION: GS 3200A

MANUFACTURER: GERSAN Elektrik Tic. ve San. A. Ş.  
Tuzla Mermerler Org. San. Bölgesi  
yanyol cad. no. 6  
P.K:57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY  
MPA Dresden GmbH  
Certificated testing laboratory for fire-fighting mediums and equipment  
Fuchsmühlweg 6 F  
09599 Freiberg, GERMANY

DATE(S) OF TESTS: 02 September to 16 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:  
IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

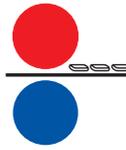
The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 66 pages, 7 diagrams, 6 oscillograms, 11 photographs, 6 drawings and no other sheets.

Only Integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

UKAS  
CERTIFICATION  
010

ASTA Observer  
J. Haring  
Certification  
Manager  
Date



172 34

## ASTA

### CERTIFICATE OF COMPLETE COMPLIANCE

Laboratory Ref. No: 1624.2080609.716 Certificate No. 16939

APPARATUS: 5000 A / 400 V / 690 V (L / U<sub>1</sub> / U<sub>2</sub>), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

DESIGNATION: GS 5000A

MANUFACTURER: GERSAN Elektrik Tic. ve San. A. Ş.  
Tuzla Mermerçiler Org. San. Bölgesi  
yanyol cad. no: 6  
P.K:57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY

DATE(S) OF TESTS: 02 September to 07 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:

IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 61 pages, 7 diagrams, 7 oscillograms, 13 photographs, 6 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA. BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

ASTA Observer  
J. Haring  
Certification  
Manager  
Date

UKAS  
PRODUCTION  
CERTIFICATION  
010

172 33

## ASTA

### CERTIFICATE OF COMPLETE COMPLIANCE

Laboratory Ref. No: 1624.2080609.715 Certificate No. 16938

APPARATUS: 4000 A / 400 V / 690 V (L / U<sub>1</sub> / U<sub>2</sub>), 50 Hz Busbar trunking system, three-phase main busbar system + N and PE (Housing)

DESIGNATION: GS 4000A

MANUFACTURER: GERSAN Elektrik Tic. ve San. A. Ş.  
Tuzla Mermerçiler Org. San. Bölgesi  
yanyol cad. no: 6  
P.K:57 TUZLA-İSTANBUL  
TURKEY

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik“ GmbH  
Landsberger Allee 378A  
12681 Berlin, GERMANY

DATE(S) OF TESTS: 02 September to 06 October 2008

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with:

IEC 60439-2: 2005-10, Sub-clauses 8.2.1, 8.2.2, 8.2.3, 8.2.4.2, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.2.10, 8.2.12, 8.2.13, 8.2.14 and 8.2.15

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

For ratings assigned by the manufacturer and proved by test see Pages 1 and 2.

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate comprises 60 pages, 7 diagrams, 6 oscillograms, 13 photographs, 6 drawings and no other sheets.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA. BEAB Certification Services, Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2DN, United Kingdom.

ASTA Observer  
J. Haring  
Certification  
Manager  
Date

UKAS  
PRODUCTION  
CERTIFICATION  
010

**Lvt**  
Test Laboratuvarları

**LVT Test Laboratuvarları Ltd. Şti.**  
www.lvt.com.tr  
Saray Modern Keres Teciler Sanayi Sitesi 4. Cadde No:9 Kazan / ANKARA  
Tel: 0 312 815 11 72 Faks: 0 312 815 11 74

**DENEY RAPORU**  
Test Report

Sayfa 1/3

Müşteri / Customer: GERSAN ELEKTRİK TİC VE SAN A.Ş.

Adres / Address: TUZLA MERMERÇİLER ORG SAN BÖL GAZI BULVARI NO:37-39-41 PK 57  
TUZLA İSTANBUL

Numune / Sample: METAL MAHFUZALANI PANO

Marka / Trade Mark: GERSAN

DeneY Tarihi / Date of Test: 28.12.2012

Rapor Sayfa Sayısı / Number of Pages of Report: 3 Sayfa (Ekler: A.G. Alçak Gerilim Anahtarlama ve Kontrol Düzeneri İç Ark DeneYleri : 11 Sayfa)  
Toplam : 14 Sayfa

Türk Akreditasyon Kurumu (TÜRKAK) deneY raporlarının tanınması konusunda Avrupa Akreditasyon BirliĐi (EA) ve Uluslararası Laboratuvar Akreditasyon BirliĐi (ILAC) ile karĐılıklı tanıma antlaşmasını imzalamıştır.  
The Turkish Accreditation Agency (TÜRKAK) is a signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of calibration certificates.

DeneY ve / veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (talep halinde) ve deneY metodu, bu raporun tamamlayıcı kısmı olan takip eden sayfalarda verilmektedir.  
The test and / or measurements results, the uncertainties (if required) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür / Seal:

Tarih / Date: 24/01/2013

DeneY Sorumlusu / Person in Charge of Test: Can GÖRSEK

Laboratuvar Müdüri / Head of Testing Laboratory: Ala BİNGİ ARSARUKU

Bu rapor, Laboratuvarımızın yazılı izni olmadan kısmen kopyalanıp çoĐulabilir.  
İnşaat ve mühürlemez raporlar geçerlidir.  
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Testing reports without signature and seal are not valid.  
FR.92 / REV03

AB-G341-T  
LVT.D.12-  
0695-R.01  
01-13

**LVT Test Laboratuvarları Ltd. Şti.**

Sayfa 2/3

1. Numunelerin Tanımı / Definition of Samples:

SN	Tip / Type	Numune Kabul Tarihi / Date of Receipt	Seri No / Serial Number	Akım / Current	Gerilim / Potential	Frekans / Frequency
1	2600mm x 2100mm x 1000 mm AG ANAHTARLAMA ve KONTROL DÜZENİ	04.12.2012	-	5000 A	690 V	50 Hz

2. DeneY Metodu / Method of Test: IEC/TR 61641:2008

3. Varsa DeneY Metodundan Sapmalar, Eklmeler, Çıkarmalar / If Applicable Deviation, Addition, Cutback: Standart deneY metodu uygulanmıştır. Tests were made according to the clauses of the relevant standard.

4. DeneYde Kullanılan Cihazlar ve Malzemeler / Items and Equipments Which are Used during Test

Cihaz / Device	İmalatçı / Manufacturer	Seri No / Kod / Serial Number / Code	Sertifika No / Certificate Nr	Kalibrasyon Tarihi / Cal.Date
NEMİSİ ÖLÇER	LUTRON	LVC 04	E33400	26.01.2012
GERİLİM ÖLÇÜMÜ	LUM 43	0411	E3411	31.01.2012
RODONSOR COİL	ALGOLIDE	LVC 63	E3441	11.07.2012
RODONSOR COİL	ALGOLIDE	LVC 64	E3442	11.07.2012
RODONSOR COİL	ALGOLIDE	LVC 65	E3443	11.07.2012
DELPHI ÖLÇÜM SİSTEMİ	ELEKTROPAN	LVC 78	E3440	11.07.2012
VOLTAJMETRE	ENTES	LVC 54	E3366	26.01.2012
VOLTAJMETRE	GEPA	LVC 55	E3365	26.01.2012

5. Çevre Şartları / Environmental Conditions:

Ortam Sıcaklığı / Ambient Temperature: (15±3) °C

Ortam Nemi / Ambient Hygro: (58±5) %Rh

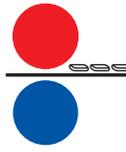
6. DeneY Sonuçları / Test Results: DeneY sonuçları, sadece deneY yapılan numunelere aittir. Test results are just belong to tested item.

SN	Tip	DeneY Adı	Sonuç
1	2600mm x 2100mm x 1000 mm AG ANAHTARLAMA ve KONTROL DÜZENİ	İç Ark DeneYi	OLUMLU

7. Şartnamelere Uygunluk / Uyumunsuzluk (gerekli hallerde) / Conformity / Non-conformity to Specifications (if necessary): -

8. Ölçüm Belirsizliği (talep halinde) / Uncertainty (if required): Talep edilmemiştir. Not requested.

FR.92 / REV03



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**A.G. ANAHTARLAMA ve KONTROL DÜZENLERİ  
İÇ ARK DENEYİ KAYIT FORMU**

Müşteri : GERSAN ELEKTRİK TIC ve SAN A.Ş.  
Numune No : LVT.D.12-0656-R-01-01/02  
Standart / Madde No : IEC/TR 61641 / 6  
Deney Tarihi : 28.12.2012  
Pano Hammaddesi : 1,2 - 1,5 mm DKP Sac  
Yüzeyler (Boya - Kaplama) : Elektrostatik Toz Boya (RAL 7032)  
Baralar : Ana Baralar: 3x (4x100x10) mm<sup>2</sup> Cu, Nötr Barası: 4x100x10 mm<sup>2</sup> Cu, Toprak Barası: 2x100x10 mm<sup>2</sup> Cu  
Mesnetler : Gersan İzolatör  
Tip / Seri No : -  
Nominal Akım : 5000 A  
Gerilim : 400 V  
İzolasyon Gerilimi : 690 V Frekans : 50 Hz. Koruma Sınıfı: IP 1X  
Boyutlar : 2600mm x 2100mm x 1000 mm  
Firma tarafından beyan edilen ark kısa devre değeri (I<sub>av</sub>) : 45 kA  
Firma tarafından beyan edilen ark süresi (t<sub>av</sub>) : 500 ms.  
Sıcaklık ve Nem : (15±3) °C - (58±5) %RH  
İç Ark Koruma Düzeyi : Personel Koruması  
Açıklamalar:  
Deney işlemi için önce beyan ark kısa devre seviyesine (45 kA) uygun olarak akım kalibrasyonu yapılmıştır.  
Deney numunesi işleme koşullarına uygun olarak deney alanına yerleştirilmiş, faz bağlantıları için (5x240) mm<sup>2</sup> NYAF iletken, nötr bağlantısı için (2x240) mm<sup>2</sup> NYAF iletken kullanılarak besleme bağlantısı yapılmıştır.  
Deney numunesinin giriş barası, ana dağıtım barası, tali dağıtım barası, tali giriş baraları, tali çıkış baraları IEC/TR 61641 Tablo 1'e uygun olarak 1,5 mm<sup>2</sup> bakır iletken sarıtarak iç ark oluşabilmesi için gerekli bağlantılar gerçekleştirilmiştir (Şekil 2).  
Pano üzerindeki güçler, standartta izin verildiği gibi uygun hacimde ve dış yüzey malzemesi aynı özellikte olan muadilleri ile değiştirilmiş ve testin beyan süresince devam etmesini sağlamak için bypass edilmiştir.  
Deney numunesi kapı ve kapakları kapatılmış ve ön yüzeyden 300 mm mesafeye 2 m yüksekliğindeki indikatör paneli yerleştirilerek personel koruması için gerekli kontrol düzeneği oluşturulmuştur.  
Deney düzeneğinde 350 gr/m<sup>2</sup> 1ik, 150 mm x 150 mm ölçülerinde siyah pamuklu kumaştan yapılmış indikatörler kullanılmıştır.  
Deney işlemi için beyan ark kısa devre akımı (45 kA), beyan kısa devre süresince (500 ms) deney numunesine uygulanmıştır. Deney numunesinde beyan değerlere uygun olarak iç ark oluştuğu görülmüştür.

FR.124/REV00 Sayfa 1 / 11

**Lvt**  
Test Laboratuvarları

**A.G. ANAHTARLAMA ve KONTROL DÜZENLERİ  
İÇ ARK DENEYİ KAYIT FORMU**

Deney Parametreleri:

Faz	R	S	T
Etkelil Ark Kısa Devresi Değeri (I <sub>av</sub> )	46,05 kA	46,43 kA	46,98 kA
Ark Kısa Devre Tepe Değeri (I <sub>av,peak</sub> )	67,00 kA	100,29 kA	104,20 kA
Deney Süresi (t <sub>av</sub> )	501 ms	501 ms	502 ms

Deney numunesinin yapılan kontrolünde:  
- Kapı, kapak ve pencere açılmamıştır.  
- Deney numunesinden kopan parça olmamıştır.  
- A% sırasında mahfazanın dışına yama olmamıştır.  
- İndikatörler yanmamış ve hasar görmemiştir.  
- Mahfazanın koruma devresi hala çalışmaktadır.

Deney sonunda deney numunesinin personel koruması için IEC/TR 61641 madde 8'de belirtilen koşulları taşıdığı görülmüştür.  
Deney numunesi iç ark deneyini olumlu olarak tamamlamıştır.

Şekil 2 - İç Ark Bağlantı noktaları

FR.124/REV00 Sayfa 2 / 11

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Tel: 0 312 815 11 72 Faks: 0 312 815 11 74

**TÜRKAK**  
TÜRK AKREDİTASYON KURUMU  
AB-0341-T  
LVT.D.12-0656-R.01  
01-13

**DENEY RAPORU**  
Test Report

Sayfa 1/4

Müşteri : GERSAN ELEKTRİK TIC ve SAN A.Ş.  
Adres : TUZLA MERMERCİLER ORG SAN BÖL GAZI BULVARI NO:37-39-41 PK 57 TUZLA İSTANBUL  
Numune : METAL MAHAFAZALI PANO  
Marka : GERSAN  
Deney Tarihi : 04.12.2012-14.01.2013  
Rapor Sayfa Sayısı : 4 Sayfa (Ekler : A.G. Alçak Gerilim Anahtarlama ve Kontrol Düzeni)  
Deneyleri : 30 Sayfa  
Toplam : 34 Sayfa

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşmasını imzalamıştır. The Turkish Accreditation Agency (TÜRKAK) is signatory to the multilateral agreements of the European co-operation for the Accreditation (EA) and of the International Laboratory Accreditation (ILAC) for the Mutual recognition of calibration certificates.

Deney ve / veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (talep halinde) ve deney metodları, bu raporun tamamlayıcı kısmı olan takip eden sayfalarda verilmektedir. The test and/or measurement results, the uncertainties (if required) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür : 24/01/2013  
Deney Sorumlusu : Can GÖKSEL  
Laboratuvar Müdürü : Ata Gürül İSLAM

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**TÜRKAK**  
TÜRK AKREDİTASYON KURUMU

SAYI : B.14.2.TÜ.A.0.09.50.00/418/3447  
KONU : Akredite Ürün Belgeleme Kuruluşu  
Tarih:08.07.2011

**GERSAN Elektrik Tic. Ve San. A.Ş.**  
İSTANBUL

İLGİ : 28.06.2011 tarihli yazımız.

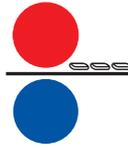
İlgi'de belirtilen yazımız ile Akreditasyon durumunu sormuş olduğunuz "Hilton House, Corporation Street, Rugby, Warwickshire, CV21 2 DN, UK" adresinde yerleşik "ASTA BEAB Certification Service" isimli Ürün Belgeleme Kuruluşu 2007 yılından beri Intertek Testing & Certification Ltd. Firması tarafından satın alınmış olup yukarıdaki aynı adreste faaliyet göstermektedir ve Uluslararası Akreditasyon Formu-IAF ve Avrupa Akreditasyon Birliği-EA bünyesinde tanınmış olan İngiltere Akreditasyon Kuruluşu (UKAS) tarafından ürün belgelendirme konusunda EN 45011 Standardına göre Low-voltage switchgear and controlgear assemblies - Part 2: Particular requirements for busbar trunking systems (busways) IEC 60439-2:2005 standardı için "010" akreditasyonu numarası ile ekteki ürünler akredite olup, bahse konu belgeler akreditasyon kapsamında düzenlenmekte olup geçerliliği devam etmektedir.

Bilgilerinizi rica ederim.

H. İrfan AKSOY  
Genel Sekreter V.

EK: 16939 No'lu Sertifika

Esat Caddesi No: 41 06660 Küçükesat / ANKARA  
Tel: +90 312 410 82 00 Fax: +90 312 419 87 00 e-mail: turkak@turkak.org.tr



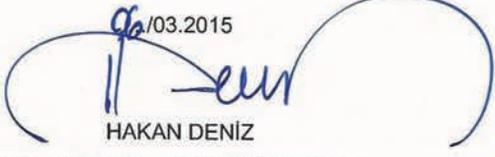
**TÜRK STANDARDLARI ENSTİTÜSÜ**  
**TÜRK STANDARDLARINA UYGUNLUK BELGESİ**  
**TURKISH STANDARDS INSTITUTION**  
**CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS**

Markanın Tanımı Description of the Mark  
**TSE** veya/or  veya/or **T S E**

<b>BELGE NUMARASI</b> REFERENCE NUMBER OF LICENCE	14.0.30.4.34.00/TSE-66621
<b>BELGENİN İLK VERİLİŞ TARİHİ</b> DATE OF FIRST ISSUE OF LICENCE	06.03.2015
<b>BELGENİN SON GEÇERLİLİK TARİHİ</b> LICENCE VALID UNTIL	31.12.2015
<b>BELGE SAHİBİ KURULUŞUN ADI</b> NAME OF THE LICENCE HOLDER	GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.
<b>BELGE SAHİBİ KURULUŞUN ADRESİ</b> ADDRESS OF THE LICENCE HOLDER	TUZLA MERMERCİLER ORGANİZE SANAYİ BÖLGESİ GAZI BULVARI NO:37-39-41 PK.57 34953 TUZLA İSTANBUL/TÜRKİYE
<b>ÜRETİM YERİ ADI</b> NAME OF THE MANUFACTURING PLACE	GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.
<b>ÜRETİM YERİ ADRESİ</b> ADDRESS OF THE MANUFACTURING PLACE	ORGANİZE SANAYİ BÖLGESİ 1 NOLU MEYDANI 1.CAD. 6. VE 7.SOK. ÇAYCUMA/ ZONGULDAK/TÜRKİYE
<b>İPTAL EDİLEN BELGE NUMARASI (Varsa)</b> INDICATION OF SUPERSEDED LICENCE (if any)	
<b>TESCİLLİ TİCARİ MARKASI</b> REGISTERED TRADE MARK	GERSAN
<b>İLGİLİ TÜRK STANDARDI</b> RELATED TURKISH STANDARD	TS EN 61439-2 / Alçak gerilim anahtarlama ve kontrol düzeni donanımları - Bölüm 2: Güç anahtarlama ve kontrol düzeni donanımları / 29.04.2010
<b>BELGE KAPSAMI</b> SCOPE OF LICENCE	

Kullanım Alanına Göre Tip: AG Güç dağıtım donanımı  
Tasarıma Göre Tip: Tek ve çok kabin tipli (kaynaklı /civatalı)  
Tesis Şartına Göre Tip: Bina içi tesis /Sabit  
Elektrik Çarpmasına Göre Tip : Yetkili personel  
Çalışma Gerilimi (Ue): 400 V AC 3 FAZ +NÖTR+ TOPRAK  
Ana Devrelerde Darbe Dayanım Gerilimi (Uimp): 8 kV  
Yardımcı Devrelerin Darbe Dayanım Gerilimi (Uimp): -  
Yalıtım Gerilimi (Ui): 690 V  
Frekansı (Fn): 50 Hz  
Donanım Çalışma Sıcaklığı (°C): -5 +40  
Donanım Çalışma Yüksekliği (M): 2000  
Mekanik Darbe Koruması Sınıfı: IK 10  
Donanım Dahili Ayırma Biçimi: 1  
Dış Koruma Derecesi (IP) IP2X  
Donanım Soğutma Tipi (Doğal/Cebri) Doğal



06/03.2015  
  
**HAKAN DENİZ**  
TSE İSTANBUL BELGELENDİRME  
MÜDÜRÜ

Bu belge, belgeleştirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir.

İSTANBUL - İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ Çayıröva Tren İstasyonu Yanı ÇAYIROVA/GEBZE \* Tel: 2627231273\* Faks: 2627231606 \* web: \* e-mail:

Bu belge hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazınır ve silinti yapılamaz.



**TÜRK STANDARDLARI ENSTİTÜSÜ**  
**TÜRK STANDARDLARINA UYGUNLUK BELGESİ EKİ**  
**TURKISH STANDARDS INSTITUTION**  
**CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS APPENDIX**

**BELGE KAPSAMI ( 14.0.30.4.34.00/TSE-66621 nolu belge devamı ) : GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.**

**İLGİLİ TÜRK STANDARDI TS EN 61439-2 / Alçak gerilim anahtarlama ve kontrol düzeni donanımları -**

Donanım Ağırlığı (Kg) 15  
 Elektromanyetik Uyumluluk (EMU) Sınıflandırma : Tipi B  
 Donanım sac Kalınlığı (Metal) (mm) : 1.2-1.5 mm  
 Donanım taşıma biçimi: Üst  
 Menteşe marka model: atos  
 Kilitleme sistemi marka model : atos  
 Panjur marka: atos  
 İzolatör marka model : gersan  
 Donanım Boya Kalınlığı : 50-60 micron  
 Donanım Boya Rengi RAL 7032

Tip/Model: GDB 125R12

Donanım Çalışma Akımı ve Kullanma Faktörü (Ina):  
 125A / 0.6

Donanımdaki Her Bir Devrenin Çalışma Akımı ve Kullanma Faktörü (Inc):  
 GİRİŞ: 75A (0.6x125A),  
 ÇIKIŞ: 6A (0.6x10A) x12

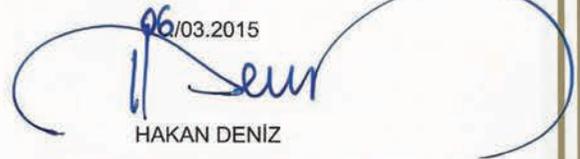
Donanım Boyutları (mm) :  
 Y1235 mm x D 467 mm x G 127

Donanımın Ana Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn)  
 Efektif: 16 kA /1sn Tepe : 32 kA  
 Bakır bara kesit : 10 mm x4 mm

Donanımın Tali Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn)  
 Efektif: 10 kA /1sn Tepe : 18 kA  
 Bakır bara kesit : 10 mm x4 mm

Donanımın Koruma Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn)  
 Efektif: 9.6 kA /1sn Tepe : 16.4 kA  
 Bakır kablo / bara kesit : 6 mm<sup>2</sup>



06/03.2015  
  
 HAKAN DENİZ  
 TSE İSTANBUL BELGELENDİRME  
 MÜDÜRÜ

\*Bu belge, belgeleştirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir.

İSTANBUL\* İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ Çayirova Tren İstasyonu Yanı ÇAYIROVA/GEBZE \* Tel: 2627231273\* Faks: 2627231606 \* web: \* e-mail:

Bu belge hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz.



**TÜRK STANDARDLARI ENSTİTÜSÜ**  
**TÜRK STANDARDLARINA UYGUNLUK BELGESİ EKİ**  
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**BELGE KAPSAMI ( 14.0.30.4.34.00/TSE-66621nolu belge devamı ) : GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.**

**İLGİLİ TÜRK STANDARDI TS EN 61439-2 / Alçak gerilim anahtarlama ve kontrol düzeni donanımları -**  
Donanımın Nötr Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn)  
Efektif: 9.6 kA /1sn Tepe : 16.4 kA  
Bakır kablo / bara kesit : 6 mm<sup>2</sup>

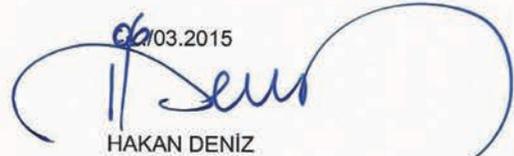
Kısa Devre Koruma Cihazının Şartlı Kısa Devre Akımı (Icc)  
1:Tmax T1N 160 ABB sace  
2:S203M C10 ABB

Tip/Model: GDB 200R12

Donanım Çalışma Akımı ve Kullanma Faktörü (Ina):  
200A /0.65

Donanımdaki Her Bir Devrenin Çalışma Akımı ve Kullanma Faktörü (Inc):  
GİRİŞ: 130A (0.65x200A)  
ÇIKIŞ: 10.4A (0.65x16A) x12



03.2015  
  
HAKAN DENİZ  
TSE İSTANBUL BELGELENDİRME  
MÜDÜRÜ

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İSTANBUL\* İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ Çayirova Tren İstasyonu Yanı ÇAYIROVA/GEBZE \* Tel: 2627231273\* Faks: 2627231606 \* web: \* e-mail:

Bu belge hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz.



**TÜRK STANDARDLARI ENSTİTÜSÜ**  
**TÜRK STANDARDLARINA UYGUNLUK BELGESİ EKİ**  
**TURKISH STANDARDS INSTITUTION**  
**CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS APPENDIX**

**BELGE KAPSAMI ( 14.0.30.4.34.00/TSE-66621nolu belge devamı) : GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.**

**İLGİLİ TÜRK STANDARDI TS EN 61439-2 / Alçak gerilim anahtarlama ve kontrol düzeni donanımları -**

Donanım Boyutları (mm) :  
 Y1235 mm x D 467 mm x G 127

Donanımın Ana Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
 Efektif: 36 kA /1sn Tepe : 75.6 kA  
 Bakır bara kesit :10 mm x 6 mm

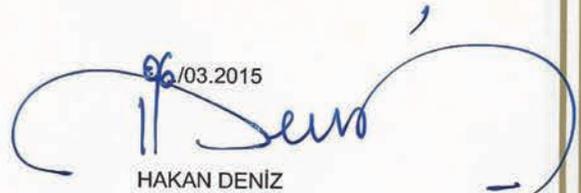
Donanımın Tali Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
 Efektif: 10 kA /1sn Tepe : 18 kA  
 Bakır bara kesit :10 mm x 6 mm

Donanımın Koruma Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
 Efektif: 21.6 kA /1sn Tepe : 45.4 kA  
 Bakır kablo / bara kesit : 10 mm<sup>2</sup>

Donanımın Nötr Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn):  
 Efektif: 21.6 kA /1sn Tepe : 45.4 kA  
 Bakır kablo/bara kesit :10 mm<sup>2</sup>

Kısa Devre Koruma Cihazının Şartlı Kısa Devre Akımı (Icc)  
 1:Tmax T3N 250 ABB sace  
 2:S203M C16 ABB



06/03.2015  
  
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İSTANBUL\* İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜÇayırova Tren İstasyonu Yanı ÇAYIROVA/GEBZE \* Tel: 2627231273\* Faks: 2627231606 \* web: \* e-mail:

Bu belge hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz.



**TÜRK STANDARDLARI ENSTİTÜSÜ**  
**TÜRK STANDARDLARINA UYGUNLUK BELGESİ EKİ**  
**TURKISH STANDARDS INSTITUTION**  
**CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS APPENDIX**

**BELGE KAPSAMI ( 14.0.30.4.34.00/TSE-66621nolu belge devamı) : GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.**

**İLGİLİ TÜRK STANDARDI TS EN 61439-2 / Alçak gerilim anahtarlama ve kontrol düzeni donanımları -**

Tip/Model: GDB 450R12

Donanım Çalışma Akımı ve Kullanma Faktörü (Ina):  
450A /0.65

Donanımdaki Her Bir Devrenin Çalışma Akımı ve Kullanma Faktörü (Inc):  
GİRİŞ: 270A (0.6 x450A)  
ÇIKIŞ: 75A (0.6 x 125 A)x2  
24 A (0.6 x 40 A)x5  
19A (0.6 x 32 A)x5

Donanım Boyutları (mm) :  
Y1235 mm x D 630 mm x G 127

Donanımın Ana Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
Efektif: 36 kA /1sn Tepe : 75.6 Ka  
Bakır bara kesit :25 mm x 10 mm

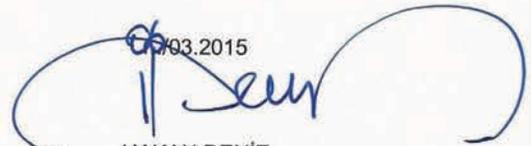
Donanımın Tali Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn):  
Efektif: 36 kA /1sn Tepe : 75.6 kA  
Bakır bara kesit :25 mm x 10 mm

Donanımın Koruma Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
Efektif: 21.6 kA /1sn Tepe : 45.4 kA  
Bakır kablo/bara kesit :35 mm<sup>2</sup>

Donanımın Nötr Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
Efektif: 21.6 kA /1sn Tepe : 45.4 kA  
Bakır kablo/bara kesit : 35 mm<sup>2</sup>

Kısa Devre Koruma Cihazının Şartlı Kısa Devre Akımı (Icc)  
1:Tmax T5N 630 ABB sace  
2:Tmax T1N 160 ABB sace

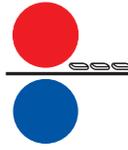


09/03.2015  
  
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Bu belge hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazınmaz ve silinti yapılamaz.



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**TÜRK STANDARDLARINA UYGUNLUK BELGESİ EKİ**  
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**BELGE KAPSAMI ( 14.0.30.4.34.00/TSE-66621nolu belge devamı) : GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.**  
**İLGİLİ TÜRK STANDARDI TS EN 61439-2 / Alçak gerilim anahtarlama ve kontrol düzeni donanımları -**

Tip/Model: GSP3200

Donanım Çalışma Akımı ve Kullanma Faktörü (Ina):  
3200A/0.76

Donanımdaki Her Bir Devrenin Çalışma Akımı ve Kullanma Faktörü (Inc):

GİRİŞ: 2750A (0.6 x 2750 A)  
ÇIKIŞ: 1350 A (0.76 x 1026 A) 1250 A (0.76 x 950 A) 1000 A (0.76 x 760 A)

Donanım Boyutları (mm) :  
2600 x2100 x1000

Donanımın Ana Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
Efektif: 65 kA /1sn Tepe : 143 kA  
Bakır bara kesit :3 x100 x 10

Donanımın Dağıtım Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
Efektif: 65 kA /1sn Tepe : 143 kA  
Bakır bara kesit :100 x 10

Donanımın Tali Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
Efektif:60 kA /1sn Tepe:136 kA(3200A)  
Bakır bara kesit :3 x100 x 10  
Efektif: .... kA /1sn Tepe : .. kA(1600A)  
Bakır bara kesit :2 x50 x 10  
Efektif: .... kA /1sn Tepe : .. kA(1250A)  
Bakır bara kesit :2 x50 x 10  
Efektif: .... kA /1sn Tepe : .. kA(1000A)



06/03.2015  
  
**HAKAN DENİZ**  
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**MÜDÜRÜ**

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İSTANBUL\* İSTANBUL BELGELENDİRME MÜDÜRLÜĞÜ Çayirova Tren İstasyonu Yanı ÇAYIROVA/GEBZE \* Tel: 2627231273\* Faks: 2627231606 \* web: \* e-mail:

Bu belge hiç bir suretle tahfif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kurtarı ve silinli yapılamaz.

6 / 8



**TÜRK STANDARDLARI ENSTİTÜSÜ**  
**TÜRK STANDARDLARINA UYGUNLUK BELGESİ EKİ**  
**TURKISH STANDARDS INSTITUTION**  
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**BELGE KAPSAMI ( 14.0.30.4.34.00/TSE-66621nolu belge devamı) : GERSAN ELEKTRİK TİCARET VE SANAYİ A.Ş.**

**İLGİLİ TÜRK STANDARDI TS EN 61439-2 / Alçak gerilim anahtarlama ve kontrol düzeni donanımları -**  
 Bakır bara kesit :1 x50 x 10

Donanımın Koruma Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
 Efektif: 90 kA /1sn Tepe : 198 kA  
 Bakır bara kesit : 1x100 x 10

Donanımın Nötr Devresi Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
 Efektif: 90 kA /1sn Tepe : -198 kA  
 Bakır bara kesit : 2x100 x 10

Kısa Devre Koruma Cihazının Şartlı Kısa Devre Akımı (Icc) 65 kA  
 Masterpact NW32 H2 3200  
 Compact NS1600H  
 Compact NS1250H  
 Compact NS1000H  
 SCHNEIDER ELECTRIC

Tip/Model: GSP 5000

Donanım Çalışma Akımı ve Kullanma Faktörü (Ina): 5000A/0.87

Donanımdaki Her Bir Devrenin Çalışma Akımı ve Kullanma Faktörü (Inc):  
 GİRİŞ: 5000A  
 ÇIKIŞ: 2800 A (0.87 x 3200 A)  
 2200 A (0.87 x 2500 A)

Donanım Boyutları (mm) :  
 Y 2175 mm x D 1000 mm x  
 G (1000X800X800)

Donanımın Ana Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
 Efektif: 150 kA /1sn Tepe : 330 kA  
 Bakır bara kesit :4 x100 x 10

Donanımın Ana Devre Kısa Süreli Dayanım Akımı (Icw), Ve Süresi (Sn) :  
 Efektif: 90 kA /1sn Tepe : 198 kA



06/03.2015  
  
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**ТАМОЖЕННЫЙ СОЮЗ**

**СЕРТИФИКАТ СООТВЕТСТВИЯ**



№ ТС RU C-TR.AB24.B.03140

Серия RU № **0294851**

**ОРГАН ПО СЕРТИФИКАЦИИ** Орган по сертификации продукции Общество с ограниченной ответственностью "Сертификация продукции "СТАНДАРТ-ТЕСТ", Адрес: 121471, г. Москва, Можайское шоссе, д. 29, Фактический адрес: 121471, Россия, Москва, Можайское шоссе, дом 29, Телефон: +74957415932, Факс: +74957415932, E-mail: info@standart-test.ru, Аттестат рег. № РОСС RU.0001.11AB24 выдан 10.09.2014 ФЕДЕРАЛЬНОЙ СЛУЖБОЙ ПО АККРЕДИТАЦИИ "РОСАККРЕДИТАЦИЯ".

**ЗАЯВИТЕЛЬ** Закрытое акционерное общество "ГЕРСАН-Р", ОГРН: 1097847210251. Место нахождения: 238460, Калининградская область, Багратионовский район, поселок Раздольное, улица Папенбургская, дом 12, Российская Федерация. Фактический адрес: 238460, Калининградская область, Багратионовский район, поселок Раздольное, улица Папенбургская, дом 12, Российская Федерация. Телефон: +7(4012)310-301, факс: +7(4012)310-301, адрес электронной почты: gersan-r@gersan.com.tr.

**ИЗГОТОВИТЕЛЬ** GERSAN ELEKTRIK TICARET VE SANAYI A.S. Место нахождения: ISTANBUL ANADOLU YAKASI ORGANIZE SANAYI BOLGESI GAZI BULVARI NO:39-41 P.K. 57 34953 TUZLA-ISTANBUL, Турция; Фактический адрес: SAYCUMA ORGANIZE SANAYI BOLGESI 1 NOLU OSB MEYDANI Cad.6-7. SOKAK SAYCUMA / ZONGULDAK, Турция.

**ПРОДУКЦИЯ** Щиты распределительные торговой марки «GERSAN», укомплектованные и не укомплектованные электрическими аппаратами; модели: GFP, GDB, GDB-BS, GSP, SR, HAN, PH, PFC, SFC, OFS, OFD, OL, SL, GMB, BBOA, WP, WB, WK, DB, WOA, DU, DBES, DBPH, MCC, WO-3B, WBSE. Продукция изготовлена в соответствии с Директивой по низковольтному оборудованию 2006/95/EC. Серийный выпуск.

**КОД ТН ВЭД ТС** 8537 10 990 0

**СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ** ТР ТС 004/2011 «О безопасности низковольтного оборудования».

**СЕРТИФИКАТ ВЫДАН НА ОСНОВАНИИ** Протоколов испытаний № 76ТС-09/2015 от 15.09.2015, № 1ТС-10/2015 от 01.10.2015 ИЦ ООО "ЕВРОСТАН", аттестат аккредитации № РОСС RU.0001.21AB76 от 07.02.2013 по 28.10.2016. Акта о результатах анализа состояния производства № 2883 от 10.07.2015 Органа по сертификации ООО "Сертификация продукции "СТАНДАРТ-ТЕСТ", регистрационный № РОСС RU.0001.11AB24 до 20.05.2016, 121471, город Москва, Можайское шоссе, дом 29.

**ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ** Договор уполномоченного представителя на территории ТС № 1 от 10.06.2013. Представительство фирмы «GERSAN ELEKTRIK TICARET VE SANAYI A.S». Условия хранения продукции в соответствии с ГОСТ 15150-69. Срок хранения (службы) указан в прилагаемой к продукции товаросопроводительной и/или эксплуатационной документации. Маркировка единым знаком обращения на рынке в соответствии с Положением о едином знаке обращения продукции на рынке государств - членов Таможенного союза, утвержденным Решением Комиссии Таможенного союза от 08.12.2011.

**СРОК ДЕЙСТВИЯ** 20.10.2015 **ПО** 19.10.2020 **ВКЛЮЧИТЕЛЬНО**

Руководитель (уполномоченное лицо) органа по сертификации

*[Подпись]*  
(подпись)

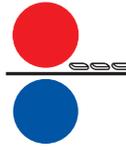
Л.В. Козийчук  
(инициалы, фамилия)

Эксперт (эксперт-аудитор) (эксперты (эксперты-аудиторы))

*[Подпись]*  
(подпись)

М.П. Башутина  
(инициалы, фамилия)




 Lloyd's Register  
 LRQA

## ONAY SERTİFİKASI

Bu Kalite Yönetim Sistem Sertifikası,

**GERSAN ELEKTRİK TİC. ve SAN. A.Ş.**  
**İstanbul Anadolu Yakası Organize Sanayi Bölgesi**  
**Gazi Bulvarı No: 39 34953 Tuzla – İstanbul / TÜRKİYE**

firmasının Kalite Yönetim Sistemi'nin Lloyd's Register Quality Assurance Limited tarafından onaylandığının belgesidir. Bu sertifika aşağıda belirtilen kalite yönetim standartları için geçerlidir.

**ISO 9001:2008**

Kalite Yönetim Sistemi kapsamı:

**Ürün Yelpazesindeki Ürünlerin Tasarımı ve Geliştirilmesi;**  
**Döşeme Altı Buatı, Askı ve Gergi Takımları, G-CHARGE**  
**Elektrikli Araç Şarj İstasyonu, G-BUS Otomasyon Sistemi,**  
**GER-LED Sokak için Led Aydınlatma Armatürü ve LED-BUS**  
**İç Ortam Led Aydınlatma Armatür Sistemleri Üretimi ve**  
**Satışı**

Sertifika  
 Onay No: IST6005522/A

İlk onay: 27 Ocak 2004

Şimdiki sertifika: 07 Şubat 2016

Geçerlilik süresi: 14 Eylül 2018

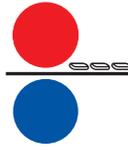
Lloyd's Register Quality Assurance Limited adına  
 Lloyd's Register Gözetim Ltd.Şti. tarafından verilmiştir.



001

Lloyd's Register Gözetim Ltd. Sti, Ataturk Cd, SitkiBey Plaza, No 82, K 3, D 12, Kozyatagi, İstanbul / TÜRKİYE  
 For and on behalf of LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom

Bu onay LRQA tetkik ve denetleme prosedürleri uyarınca verilmiştir.  
 UKAS Akreditasyon markasının kullanılması Akreditasyon bakımından tüm faaliyetlerin Akreditasyon Sertifikası No 001 tarafından kapsadığını gösterir.  
 Makro Revizyon 15



## CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**GERSAN ELEKTRİK TİC. ve SAN. A.Ş.**  
**İstanbul Anadolu Yakası Organize Sanayi Bölgesi**  
**Gazi Bulvarı No: 39 34953 Tuzla – İstanbul / TURKEY**

has been approved by Lloyd's Register Quality Assurance  
 to the following Quality Management System Standards:

**ISO 9001:2008**

The Quality Management System is applicable to:

**Design and Development of Products in The Range; Manufacture  
 and Sales of Under Floor Junction Boxes, Tension and Suspension  
 Materials, G-CHARGE Electric Vehicle Charging Station, G-BUS  
 Automation System, GER-LED Street Led Luminaries and LED-BUS  
 Interior Led Luminaries Systems**

Approval  
 Certificate No: IST6005522/A

Original Approval: 27 January 2004

Current Certificate: 07 February 2016

Certificate Expiry: 14 September 2018

Issued by: Lloyd's Register Gözetim Ltd Sti.  
 For and on behalf Of Lloyd's Register Quality Assurance  
 Limited



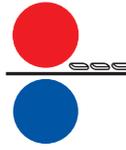
001

Lloyd's Register Gözetim Ltd. Sti, Atatürk Cd, SitkiBey Plaza, No 82, K 3, D 12, Kozyatagi, İstanbul / TÜRKİYE

For and on behalf of LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom

This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.  
 The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001  
 Macro Revision 15

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## ONAY SERTİFİKASI

Bu Kalite Yönetim Sistem Sertifikası,

**GERSAN ELEKTRİK TİC. ve SAN. A.Ş.**  
**Çaycuma Org. San. 1. Nolu OSB Meydanı 1. Cadde**  
**6. ve 7. Sokak Çaycuma – Zonguldak / TÜRKİYE**

firmasının Kalite Yönetim Sistemi'nin Lloyd's Register Quality Assurance Limited tarafından onaylandığının belgesidir. Bu sertifika aşağıda belirtilen kalite yönetim standartları için geçerlidir.

**ISO 9001:2008**

Kalite Yönetim Sistemi kapsamı:

**Kablo Kanalı, Merdiveni ve Aksesuarları, Döşeme Altı Kablo Kanalı, Buatı ve Aksesuarları, Topraklama Malzemeleri ve Paratoner Bağlantı Elemanları, Platform Izgaraları, Askı ve Gergi Takımları, Busbar Kanalı İmalatı, Sıcak Daldırma Galvanizleme İşlemi, Elektrik Dağıtım Panoları, G-BUS Otomasyon Sistemi, GER-LED Sokak için Led Aydınlatma Armatürü ve LED-BUS İç Ortam Led Aydınlatma Armatür Sistemleri Üretimi**

Sertifika  
 Onay No: IST6005522/A1

İlk onay: 27 Ocak 2004

Şimdiki sertifika: 07 Şubat 2016

Geçerlilik süresi: 14 Eylül 2018

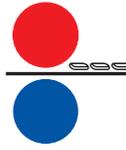
  
 Lloyd's Register Quality Assurance Limited adına  
 Lloyd's Register Gözetim Ltd.Şti. tarafından verilmiştir.



001

Lloyd's Register Gözetim Ltd. Sti, Atatürk Cd, SitkiBey Plaza, No 82, K 3, D 12, Kozyatagi, İstanbul / TÜRKİYE  
 For and on behalf of LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom

Bu onay LRQA tetkik ve denetleme prosedürleri uyarınca verilmiştir.  
 UKAS Akreditasyon markasının kullanılması Akreditasyon bakımından tüm faaliyetlerin Akreditasyon Sertifikası No 001 tarafından kapsadığını gösterir.  
 Makro Revizyon 15



## CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

**GERSAN ELEKTRİK TİC. ve SAN. A.Ş.**  
**Çaycuma Org. San. 1. Nolu OSB Meydanı 1. Cadde**  
**6. ve 7. Sokak Çaycuma – Zonguldak / TURKEY**

has been approved by Lloyd's Register Quality Assurance  
 to the following Quality Management System Standards:

**ISO 9001:2008**

The Quality Management System is applicable to:

**Manufacture of Cable Trays, Ladders and Accessories, Under Floor  
 Cable Tray, Junction Boxes and Accessories, Mounting Materials,  
 Earthing Materials and Lighting Rod, Tension and Suspension  
 Materials, Busbar Duct, Hot Dip Galvanization Implementation,  
 Manufacture of Electrical Panel Boards, G-BUS Automation System,  
 GER-LED Street Led Luminaries and LED-BUS Interior Led  
 Luminaries Systems**

Approval  
 Certificate No: İST6005522/A1

Original Approval: 27 January 2004

Current Certificate: 07 February 2016

Certificate Expiry: 14 September 2018

Issued by: Lloyd's Register Gözetim Ltd Sti.  
 For and on behalf Of Lloyd's Register Quality Assurance  
 Limited



001

Lloyd's Register Gözetim Ltd. Sti, Atatürk Cd, SitkiBey Plaza, No 82, K 3, D 12, Kozyatagi, Istanbul / TURKIYE  
 For and on behalf of LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom

This approval is carried out in accordance with the LRQA assessment and certification procedures and monitored by LRQA.  
 The use of the UKAS Accreditation Mark indicates Accreditation in respect of those activities covered by the Accreditation Certificate Number 001  
 Macro Revision 15

Lloyd's Register Group Limited, its affiliates and subsidiaries, including Lloyd's Register Quality Assurance Limited (LRQA), and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



## ONAY SERTİFİKASI

Bu Çevre Yönetim Sistem Sertifikası,

**GERSAN ELEKTRİK TİC. ve SAN. A.Ş.**  
İstanbul Anadolu Yakası Organize Sanayi Bölgesi  
Gazi Bulvarı No: 39 34953 Tuzla – İstanbul / TÜRKİYE

firmasının Çevre Yönetim Sistemi'nin Lloyd's Register Gözetim Ltd. Şti. tarafından onaylandığının belgesidir. Bu sertifika aşağıda belirtilen çevre yönetim standartları için geçerlidir.

ISO 14001: 2004

Çevre Yönetim Sistemi kapsamı:

Ürün Yelpazesindeki Ürünlerin Tasarımı ve Geliştirilmesi;  
Döşeme Altı Buatı, Askı ve Gergi Takımları, G-CHARGE  
Elektrikli Araç Şarj İstasyonu, G-BUS Otomasyon Sistemi,  
GER-LED Sokak için Led Aydınlatma Armatürü ve LED-BUS  
İç Ortam Led Aydınlatma Armatür Sistemleri Üretimi ve  
Satışı

Sertifika  
Onay No: IST6005522/B

İlk onay: 17 March 2010

Şimdiki sertifika: 07 February 2016

Geçerlilik süresi: 14 September 2018

Lloyd's Register Quality Assurance Limited adına  
Lloyd's Register Gözetim Ltd.Şti. tarafından verilmiştir.



Lloyd's Register Gözetim Ltd. Şti, Ataturk Cd, Sirkilbey Plaza, No 82, K. 3, D. 12, Kozyatağı, İstanbul / TÜRKİYE  
For and on behalf of: LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom  
Bu belge LRQA markası ile çevreleme prosedürüne tabiidir.

Lloyd's Register Group Limited, its affiliates and subsidiaries, including Lloyd's Register Quality Assurance Limited (LRQA), and their respective officers, employees or agents are, individually and collectively, referred to in this document as "Lloyd's Register". Lloyd's Register shall be responsible and liable for any error or omission in any information or advice in this document or otherwise provided, unless it can be proven that Lloyd's Register was not negligent in the preparation of this information or advice and in that case any responsibility or liability is excluded on the terms and conditions set out in that contract.



## CERTIFICATE OF APPROVAL

This is to certify that the Environmental Management System of:

**GERSAN ELEKTRİK TİC. ve SAN. A.Ş.**  
İstanbul Anadolu Yakası Organize Sanayi Bölgesi  
Gazi Bulvarı No: 39 34953 Tuzla – İstanbul / TURKEY

has been approved by Lloyd's Register Quality Assurance  
to the following Environmental Management System Standard:

ISO 14001: 2004

The Environmental Management System is applicable to:

Design and Development of Products in The Range; Manufacture  
and Sales of Under Floor Junction Boxes, Tension and Suspension  
Materials, G-CHARGE Electric Vehicle Charging Station, G-BUS  
Automation System, GER-LED Street Led Luminaries and LED-BUS  
Interior Led Luminaries Systems

Approval  
Certificate No: IST6005522/B

Original Approval: 17 March 2010

Current Certificate: 07 February 2016

Certificate Expiry: 14 September 2018

Issued by: Lloyd's Register Gözetim Ltd. Şti  
For and on behalf Of Lloyd's Register Quality Assurance  
Limited.



Lloyd's Register Gözetim Ltd. Şti, Ataturk Cd, Sirkilbey Plaza, No 82, K. 3, D. 12, Kozyatağı, İstanbul / TÜRKİYE  
For and on behalf of: LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom  
This approval is carried out in accordance with the LRQA assessment and certification procedures and is covered by LRQA.  
The use of the UKAS Accreditation Mark indicates Accreditation in respect of these activities covered by the Accreditation Certificate Number 001  
Marka No: 001

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## ONAY SERTİFİKASI

Bu Kalite Yönetim Sistem Sertifikası,

**GERSAN ELEKTRİK TİC. ve SAN. A.Ş.**  
Çaycuma Org. San. 1. Nolu OSB Meydanı 1. Cadde  
6. ve 7. Sokak Çaycuma – Zonguldak / TÜRKİYE

firmasının Kalite Yönetim Sistemi'nin Lloyd's Register Quality Assurance Limited tarafından onaylandığının belgesidir. Bu sertifika aşağıda belirtilen kalite yönetim standartları için geçerlidir.

ISO 9001:2008

Kalite Yönetim Sistemi kapsamı:

Kablo Kanalı, Merdiveni ve Aksesuarları, Döşeme Altı Kablo Kanalı,  
Buatı ve Aksesuarları, Topraklama Malzemeleri ve Paratoner  
Bağlantı Elemanları, Platform Izgaraları, Askı ve Gergi Takımları,  
Busbar Kanalı İmalatı, Sıcak Daldırma Galvanizleme İşlemi, Elektrik  
Dağıtım Panoları, G-BUS Otomasyon Sistemi, GER-LED Sokak için  
Led Aydınlatma Armatürü ve LED-BUS İç Ortam Led Aydınlatma  
Armatür Sistemleri Üretimi

Sertifika  
Onay No: IST6005522/A1

İlk onay: 27 Ocak 2004

Şimdiki sertifika: 07 Şubat 2016

Geçerlilik süresi: 14 Eylül 2018

Lloyd's Register Quality Assurance Limited adına  
Lloyd's Register Gözetim Ltd.Şti. tarafından verilmiştir.



Lloyd's Register Gözetim Ltd. Şti, Ataturk Cd, Sirkilbey Plaza, No 82, K. 3, D. 12, Kozyatağı, İstanbul / TÜRKİYE  
For and on behalf of: LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom  
Bu belge LRQA markası ile çevreleme prosedürüne tabiidir.

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## CERTIFICATE OF APPROVAL

This is to certify that the Environmental Management System of:

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ISO 14001: 2004

The Environmental Management System is applicable to:

Manufacture of Cable Trays, Ladders and Accessories, Under Floor  
Cable Tray, Junction Boxes and Accessories, Mounting Materials,  
Earthing Materials and Lighting Rod, Tension and Suspension  
Materials, Busbar Duct, Hot Dip Galvanization Implementation,  
Manufacture of Electrical Panel Boards, G-BUS Automation System,  
GER-LED Street Led Luminaries and LED-BUS Interior Led  
Luminaries Systems

Approval  
Certificate No: IST6005522/B1

Original Approval: 17 March 2010

Current Certificate: 07 February 2016

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Issued by: Lloyd's Register Gözetim Ltd. Şti  
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Limited.



Lloyd's Register Gözetim Ltd. Şti, Ataturk Cd, Sirkilbey Plaza, No 82, K. 3, D. 12, Kozyatağı, İstanbul / TÜRKİYE  
For and on behalf of: LRQA Ltd, 1 Trinity Park, Bickenhill Lane, Birmingham, B37 7ES, United Kingdom  
This approval is carried out in accordance with the LRQA assessment and certification procedures and is covered by LRQA.  
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Marka No: 001

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Truva antik kenti - Çanakkale / Türkiye



Turkey



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