

ELMARK HOLDING SE United Kingdom



CATALOGUE 2020



ELMARK
The Brand of Electricity

Documents corresponding to the product:

Standard IEC60670; CEI 23-48; CEI 23-49; EN 50102



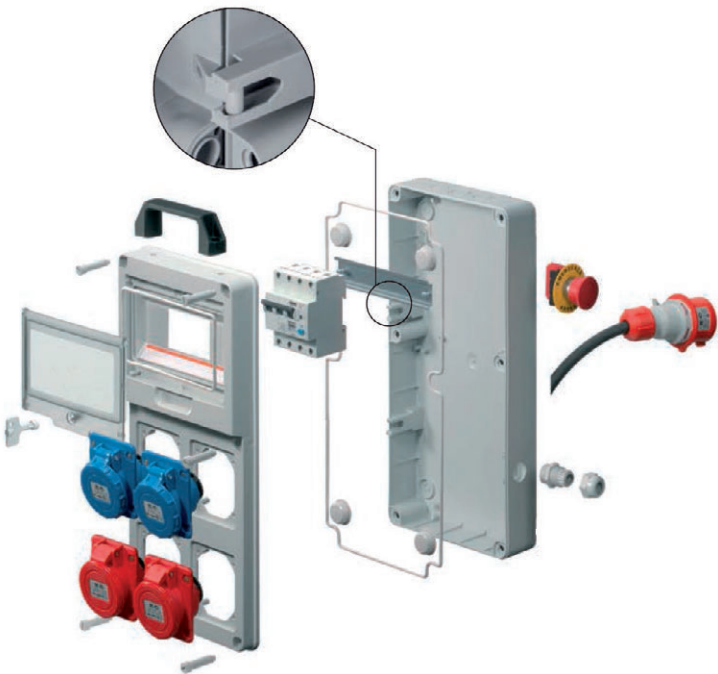
INDUSTRIAL BOARD SYSTEM EC690 SERIES

5+0
standard
+extended
5 YEAR TOTAL
WARRANTY

Distribution boards 690 series can be safely used for temporary installation such as construction sites, markets, fairs, etc. They are entirely made up of UV-resistant halogen free technopolymer on ABS- base. They are suitable for outdoor use, thanks to the high impact resistance. The distribution boards are fit to use in different options- movable with handle or fixed on the wall. The distribution boards are suitable with sockets with mounting flange with screw hole center distance 60x60mm.

TECHNICAL DATA:

- Material: shock resistant, halogen free technopolymer on ABS base with resistance to UV rays.
- Colour: grey RAL 7035
- IP code: IP65
- Resistance to mechanical shock: IK08-IK10(shocks up to 6-20j)
- Resistance to abnormal heat: up to 650°C(Glow Wire Test, Reference Standard IEC 695-2-1
- Installation temperature range: min-15°C, max+60°C
- DIN rail material: galvanized steel
- Pre-cuts for conduit or cable inlet of different sizes.
- Standards: IEC60670; CEI 23-48; CEI 23-49; EN 50102
- RoHS 2002/95/CE



**EMPTY DISTRIBUTION BOARD EC690 SERIES
2 VERTICAL SOCKETS**

5+0
standard
+extended
5 YEAR TOTAL
WARRANTY

Type	Number of modules	IP code	W	H	D	Packing pcs/ box	Product category	Catalogue number
EC69021	4	65	105	337	95	1/15	C	53EC69021



For sockets with 60x60mm hole center distance

In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.





EMPTY DISTRIBUTION BOARD EC690 SERIES 3 VERTICAL SOCKETS

5+0
standard
+extended

5 YEAR TOTAL
WARRANTY

Type	Number of modules	IP code	W	H	D	Packing pcs/ box	Product category	Catalogue number
EC69022	4	65	105	430	95	1/13	C	53EC69022



For sockets with 60x60mm hole center distance



EMPTY DISTRIBUTION BOARD EC690 SERIES 4 SOCKETS

5+0
standard
+extended

5 YEAR TOTAL
WARRANTY

Type	Number of modules	IP code	W	H	D	Packing pcs/ box	Product category	Catalogue number
EC69023	8	65	200	430	95	1/10	C	53EC69023



For sockets with 60x60mm hole center distance



EMPTY DISTRIBUTION BOARD EC690 SERIES 6 SOCKETS

5+0
standard
+extended

5 YEAR TOTAL
WARRANTY

Type	Number of modules	IP code	W	H	D	Packing pcs/ box	Product category	Catalogue number
EC69025	12	65	320	510	135	1	C	53EC69025



For sockets with 60x60mm hole center distance



Dimensions W x H x D: 105 x 337 x 95mm

ASSEMBLED DISTRIBUTION BOARD 690 SERIES 2 VERTICAL SOCKETS, 4 MODULES

5+0
standard
+extended

5 YEAR TOTAL
WARRANTY

Empty board type				IP code	Product category	Catalogue number
German type	1P+N+E	3P+N	3P+N+E			
EC69021	1x16A+1x32A			44	C	53EC690212A1
EC69021	1x16A		1x16A	44	C	53EC690212A2
EC69021	1x16A	1x16A		44	C	53EC690212A3
EC69021	2x16A			44	C	53EC690212A4
EC69021	1x16A+1x32A			67	C	53EC690212B1
EC69021	1x16A		1x16A	67	C	53EC690212B2
EC69021	1x16A	1x16A		67	C	53EC690212B3



ASSEMBLED DISTRIBUTION BOARD 690 SERIES 3 VERTICAL SOCKETS, 4 MODULES

5+0
standard
+extended

5 YEAR TOTAL
WARRANTY

Empty board type				IP code	Product category	Catalogue number
German type	1P+N+E	3P+N	3P+N+E			
EC69022	1x16A+1x32A		1x16A	44	C	53EC690223A1
EC69022	1x32A		1x16A+1x32A	44	C	53EC690223A2
EC69022	1x16A+1x32A	1x16A		44	C	53EC690223A3
EC69022	1x32A	1x16A+1x32A		44	C	53EC690223A4
EC69022	2x16A	1x16A		44	C	53EC690223A5
EC69022	1x16A+1x32A		1x16A	67	C	53EC690223B1
EC69022	1x32A		1x16A+1x32A	67	C	53EC690223B2
EC69022	1x16A+1x32A	1x16A		67	C	53EC690223B3
EC69022	1x32A	1x16A+1x32A		67	C	53EC690223B4



Dimensions W x H x D: 105 x 430 x 95mm

ASSEMBLED DISTRIBUTION BOARD 690 SERIES 4 SOCKETS, 8 MODULES

5+0
standard
+extended

5 YEAR TOTAL
WARRANTY

Empty board type				IP code	Product category	Catalogue number
German type	1P+N+E	3P+N	3P+N+E			
EC69023	1x16A+1x32A		1x16A+1x32A	44	C	53EC690234A1
EC69023	2x32A		2x16A	44	C	53EC690234A2
EC69023	1x16A+1x32A	1x16A+1x32A		44	C	53EC690234A3
EC69023	2x32A	2x16A		44	C	53EC690234A4
EC69023	2x16A	1x16A+1x32A		44	C	53EC690234A5
EC69023	2x16A	1x16A+1x32A		44	C	53EC690234A6
EC69023	1x16A+1x32A		1x16A+1x32A	67	C	53EC690234B1
EC69023	2x32A		2x16A	67	C	53EC690234B2
EC69023	1x16A+1x32A	1x16A+1x32A		67	C	53EC690234B3
EC69023	2x32A	2x16A		67	C	53EC690234B4



Dimensions W x H x D: 200 x 430 x 95mm

In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.



Dimensions W x H x D: 320 x 510 x 135mm

ASSEMBLED DISTRIBUTION BOARD 690 SERIES 6 SOCKETS, 12 MODULES

5+0
standard
+extended

5 YEAR TOTAL
WARRANTY

Empty board type



German type



1P+N+E



3P+N



3P+N+E

IP code

Product category

Catalogue number

EC69025		2x16A+1x32A		2x16A+1x32A	44	C	53EC690256A1
EC69025		1x16A+2x32A		1x16A+2x32A	44	C	53EC690256A2
EC69025		2x16A+1x32A	2x16A+1x32A		44	C	53EC690256A3
EC69025		1x16A+2x32A	1x16A+2x32A		44	C	53EC690256A4
EC69025	3x16A	2x16A+1x32A			44	C	53EC690256A5
EC69025	2x16A	1x16A	2x16A+1x32A		44	C	53EC690256A6
EC69025		2x16A+1x32A		2x16A+1x32A	67	C	53EC690256B1
EC69025		1x16A+2x32A		1x16A+2x32A	67	C	53EC690256B2
EC69025		2x16A+1x32A	2x16A+1x32A		67	C	53EC690256B3
EC69025		1x16A+2x32A	1x16A+2x32A		67	C	53EC690256B4



SPARE FLANGE WITH SCREWS AND GASKETS

Type	W	H	D	Packing pcs/box	Product category	Catalogue number
EC690F1	85	74		1/10	C	53EC690F1



The flange mounted is used for closing of the factory made openings, in case there is no switch for it at the moment, and assures the necessary IP of the board. Another function is assuring the possibility for mounting of great number of additional appliances within assembling the board when making a suitable opening in the flange.



Spare flange with mounted limit switch



Limit switch
Page 127



Spare flange with mounted stop button



Stop button
Page 133

HANDLE WITH SCREWS

Type	W	H	D	Packing pcs/box	Product category	Catalogue number
EC690MA	134	42	25.6	1/10	C	53EC690MA

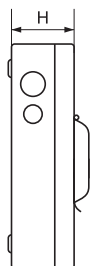
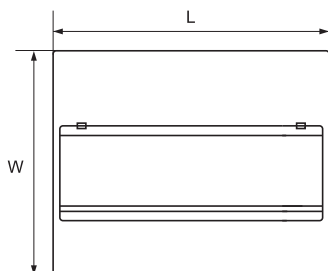


It assures a convenience when carrying the board.

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METAL CONSUMER UNITS - SIGMA SERIES

3+2
standard
+extended
5 YEAR TOTAL
WARRANTY



TECHNICAL DATA:

- Material: High quality electro-galvanized steel sheet
- Modules: 8; 12; 16; 22
- Steel thickness: 1,0mm (8; 12 modules); 1,2mm (16; 22 modules)
- Row: single
- Rated voltage In (A): 100A
- Protected with epoxy polyester coating
- Colour of body: White RAL9003
- Colour of door: White RAL9003
- IP code: IP40
- Fire resistance: 960°C/30s
- Humidity: Max.95%
- Storage temperature: -40+75°C
- Specification: CE, ROHS, BS, EN, EIC60439-3



Modern design and aesthetic look



Different variants of assembling



DIN, zero and ground terminals included



Defense of the electrical parts
from direct contact

**Metal consumer unit enclosures, Sigma series**

Type	Nº of ways	Construction Material	Nº of ROWS	Dimensions (mm)			Product category	Catalogue number
				L (mm)	W (mm)	H (mm)		
Sigma	8	Steel	1	303	257	110	C	61088
Sigma	12	Steel	1	375	257	110	C	61128
Sigma	16	Steel	1	447	257	110	C	61168
Sigma	22	Steel	1	555	257	110	C	61228

**Metal consumer units with 100A main switch, Sigma series**

Type	Nº of ways when empty	Construction Material	Nº of ways	Main Switch	Power Voltage Supply	Dimensions (mm)			Product category	Catalogue number
						L (mm)	W (mm)	H (mm)		
Sigma	8	Steel	6	100A	240V	303	257	110	C	61088SI
Sigma	12	Steel	10	100A	240V	375	257	110	C	61128SI
Sigma	16	Steel	14	100A	240V	447	257	110	C	61168SI
Sigma	22	Steel	20	100A	240V	555	257	110	C	61228SI

**Metal domestic consumer unit with 100A main switch and RCD's, Sigma series**

Type	Nº of ways when empty	Construction Material	Nº of ways	Nº of RCD's Supplied	Main Switch	Dimensions (mm)			Product category	Catalogue number
						L (mm)	W (mm)	H (mm)		
Sigma	12	Steel	6	2x63A 30mA	1x100A	375	257	110	C	61128SR
Sigma	16	Steel	10	2x63A 30mA	1x100A	447	257	110	C	61168SR
Sigma	22	Steel	16	2x63A 30mA	1x100A	555	257	110	C	61228SR





Product Contents: 1x Enclosure, 1x 63A 30mA RCD, 6x MCB's 6kA Curve B (3x6A, 1x16A and 2x20A), busbar and cables

Sigma 6-way metal consumer unit

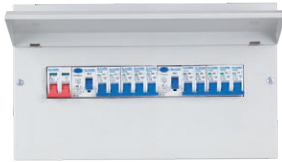
Type	Nº of ways when empty	Construction Material	Nº of ways	Nº of MCB's Supplied	Nº of RCD's Supplied	Amp Rating	Amp Rating			Product category	Catalogue number
							L (mm)	H (mm)	W (mm)		
Sigma	8	Steel	6	6	1	63A	244	230	90	C	610885



Product Contents: 1x Enclosure, 1x 100A Main Switch, 2x 63A 30mA RCD's, 6x MCB's 6kA Curve B (3x6A, 1x16A, 2x32A, 1x40), busbar and cables

Sigma 6-way dual RCD's metal consumer unit

Type	Nº of ways when empty	Construction Material	Nº of ways	Nº of MCB's Supplied	Nº of RCD's Supplied	Main Switch	Amp Rating	Amp Rating			Product category	Catalogue number
								L (mm)	H (mm)	W (mm)		
Sigma	12	Steel	6	6	2	1	63A	316	230	90	C	611285



Product Contents: 1x Enclosure, 1x 100A Main Switch, 2x 63A 30mA RCD's, 10x MCB's 6kA Curve B (3x6A, 2x16A, 4x32A, 1x40), busbar and cables

Sigma 10-way dual RCD's metal consumer unit

Type	Nº of ways when empty	Construction Material	Nº of ways	Nº of MCB's Supplied	Nº of RCD's Supplied	Main Switch	Amp Rating	Amp Rating			Product category	Catalogue number
								L (mm)	H (mm)	W (mm)		
Sigma	16	Steel	10	10	2	1	63A	388	230	90	C	611685



Product Contents: 1x Enclosure, 1x 100A Main Switch, 2x 63A 30mA RCD's, 12x MCB's 6kA Curve B (3x6A, 1x10A, 2x16A, 4x32A, 1x40, 1x50A), busbar and cables

Sigma 16-way dual RCD's metal consumer unit

Type	Nº of ways when empty	Construction Material	Nº of ways	Nº of MCB's Supplied	Nº of RCD's Supplied	Main Switch	Amp Rating	Amp Rating			Product category	Catalogue number
								L (mm)	H (mm)	W (mm)		
Sigma	22	Steel	16	12	2	1	63A	496	230	90	C	612285



**DOCUMENTS CORRESPONDING
TO THE PRODUCT:**

Standard IEC60439-3

**METAL DISTRIBUTION BOXES FOR SURFACE
MOUNTING- DELTA SERIES****3+2**
standard
+extended
5 YEAR TOTAL
WARRANTY

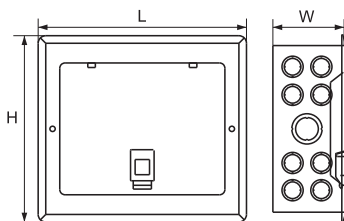
The metal distribution boxes have wide range of application for mounting in buildings under construction or new communal objects, offices, shops, house facilities. Inside the box, could be mounted circuit elements for protection in the electrical installation. They are made of high quality electro-galvanized steel sheet and provide proper prevention from fire. They are shock-proof as well. The box is also equipped with zero and ground terminals.

TECHNICAL DATA:

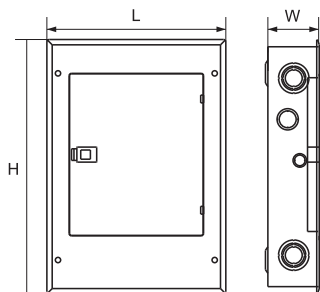
- Material: High quality electro-galvanized steel sheet
- Maximum insulation voltage: 690V; 50Hz
- Single phase: 4; 8; 12; 16 modules
- Triple phase: 4; 6; 8; 10; 12 modules
- Steel thickness: 1,0mm
- MCB mounting design: Din-rail
- Main switch rated current: MCB125A
- Mounting type: Surface
- Colour of body: grey
- IP code: IP40
- Fire resistance: 960°C/30s
- Humidity: Max.95%
- Storage temperature: -40+75°C
- Specification: CE, ROHS, BS, EN,IEC60439-3

**Single phase metal distribution boxes, Delta series**

Type	Construction Material	Nº of poles	Module capacity	Dimensions (mm)			Packing / Box	Product category	Catalogue number
				L	H	W			
Delta 1/4	Metal	1	4	226	226	95	1/10	C	600104N
Delta 1/8	Metal	1	8	298	226	95	1/10	C	600108N
Delta 1/12	Metal	1	12	370	226	95	1/10	C	600112N
Delta 1/16	Metal	1	16	442	226	95	1/10	C	600116N

**Three phase metal distribution boxes, Delta series**

Type	Construction Material	Nº of poles	Module capacity	Dimensions (mm)			Packing / Box	Product category	Catalogue number
				L	H	W			
Delta 3/4	Metal	3	4	506	350	105	1/10	C	600304N
Delta 3/6	Metal	3	6	560	350	105	1/10	C	600306N
Delta 3/8	Metal	3	8	614	350	105	1/10	C	600308N
Delta 3/10	Metal	3	10	668	350	105	1/10	C	600310N
Delta 3/12	Metal	3	12	722	350	105	1/10	C	600312N



In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.

DOCUMENTS CORRESPONDING TO THE PRODUCT:

Standard IEC60439-3



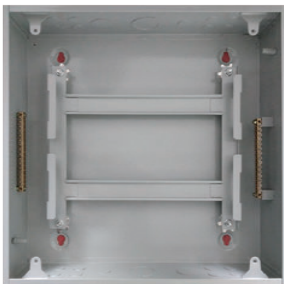
METAL CONSUMER UNITS - ZETA SERIES

3+2 standard +extended **5** YEAR TOTAL WARRANTY

The metal distribution boxes have wide range of application for mounting in buildings under construction or new communal objects, offices, shops, house facilities. Inside the box, could be mounted circuit elements for protection in the electrical installation. They are made of high quality electro-galvanized steel sheet and provide proper prevention from fire. They are shock-proof as well. The box is also equipped with zero and ground terminals.

TECHNICAL DATA:

- Material: High quality electro-galvanized steel sheet
- Modules: 30; 36; 45; 60; 72
- Steel thickness: 1,2mm
- Rated voltage In (A): 100A
- Mounting type: Surface
- Colour of body: White RAL7035
- Colour of door: White RAL7035
- IP code: IP40
- Fire resistance: 960°C/30s
- Humidity: Max.95%
- Storage temperature: -40+75°C
- Specification: CE, ROHS, IEC60439-3

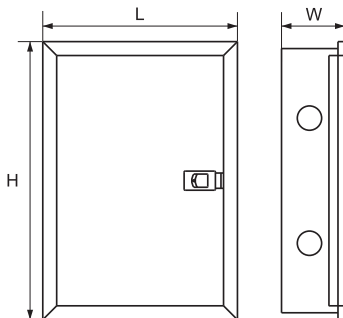


Metal consumer unit enclosures, Zeta series

Type	Construction Material	Nº of ROWS	Nº of ways	Dimensions (mm)			Product category	Catalogue number
				L (mm)	H (mm)	W (mm)		
Zeta 30	Metal	2	30	428	428	110	C	55030
Zeta 36	Metal	2	36	482	428	110	C	55036
Zeta 45	Metal	3	45	428	578	110	C	55045
Zeta 60	Metal	4	60	428	728	110	C	55060
Zeta 72	Metal	4	72	482	728	110	C	55072



Zero and ground terminals included



In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.

Documents corresponding to the product:

Standard EN 62208;
EN 60439-1; EN 60 439-3

METAL DISTRIBUTION BOARDS JXF SERIES

3+2
standard
+extended
5 YEAR TOTAL
WARRANTY

Supplied with a special lock, metal plate for fixing of electrical devices, lid for the input-output conductors, grounded dowel pin, gaskets, etc. Option to change the opening direction. Made of single steel sheet, treated with decorative powder coating.

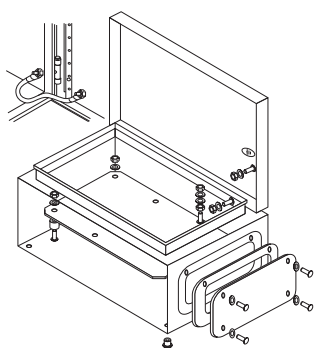
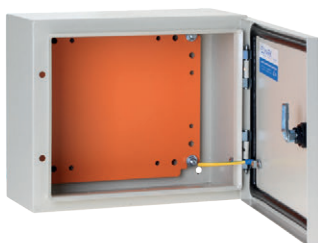
TECHNICAL DATA:

- Rated voltage: up to 1000V
- Maximum current: up to 1250A
- Material: steel
- RAL 7032

- Coating: powder style painting
- IP code: IP 65

MOUNTING:

- vertically on flat surface



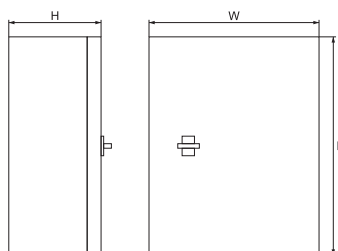
Type	Thickness of metal sheet mm)	Metal box dimensions (mm)			Nominal working current In (A)	Packing / Box	Product category	Catalogue number
		L (height)	W (width)	H (depth)				
JXF 25/25/15	1.0	250	250	150	80	1	C	53025
JXF 25/30/15	1.0	250	300	150	100	1	C	53026
JXF 30/25/15	1.0	300	250	150	100	1	C	53030
JXF 30/40/20	1.0	300	400	200	160	1	C	53031
JXF 40/30/20	1.0	400	300	200	160	1	C	53040
JXF 40/50/20	1.2	400	500	200	250	1	C	53041
JXF 40/40/20	1.2	400	400	200	250	1	C	53044
JXF 50/40/20	1.2	500	400	200	250	1	C	53050
JXF 40/60/20	1.2	400	600	200	250	1	C	53051
JXF 60/40/20	1.2	600	400	200	250	1	C	53060
JXF 60/60/20	1.2	600	600	200	250	1	C	53066
JXF 70/50/20	1.2	700	500	200	350	1	C	53070
JXF 80/60/25	1.5	800	600	250	400	1	C	53080
JXF 100/80/30	1.5	1000	800	300	630	1	C	53100
JXF 120/80/30	1.5	1200	800	300	630	1	C	53120
JXF 140/80/30	1.5	1400	800	300	800	1	C	53140
JXF 180/80/30	1.5	1800	800	300	1000	1	C	53188
JXF 180/100/30*	1.5	1800	1000	300	1250	1	C	53180



Note: *Metal boxes with double door

Documents corresponding to the product:

Standard EN 62 208;
EN 60439-1; EN 60 439-3



STAINLESS STEEL METAL BOARDS SXF SERIES

3+2
standard
+extended
5 YEAR TOTAL
WARRANTY

Supplied with a special lock, metal plate for fixing of electrical devices, lid for the input-output conductors, grounded dowel pin, gaskets, etc. Option to change the opening direction. Made of single stainless steel sheet. The mounting plate is treated with anti-corrosion and decorative powder coating. They are used in case of special requirements regarding the exposure of corrosion.

TECHNICAL DATA:

- Rated voltage: up to 1000V
- Maximum current: up to 800A
- Material: stainless steel

- IP code: IP 65

MOUNTING:

- vertically on flat surface

Type	Thickness of metal sheet (mm)	Metal box dimensions (mm)			Packing / Box	Product category	Catalogue number
		L (height)	W (width)	H (depth)			
SXF 25/25/15	1.0	250	250	150	1	C	54025
SXF 30/25/15	1.0	300	250	150	1	C	54030
SXF 40/30/20	1.0	400	300	200	1	C	54040
SXF 50/40/20	1.2	500	400	200	1	C	54050
SXF 60/40/20	1.2	600	400	200	1	C	54060
SXF 70/50/20	1.2	700	500	200	1	C	54070
SXF 80/60/25	1.5	800	600	250	1	C	54080
SXF 100/80/30	1.5	1000	800	300	1	C	54100
SXF 120/80/30	1.5	1200	800	300	1	C	54120



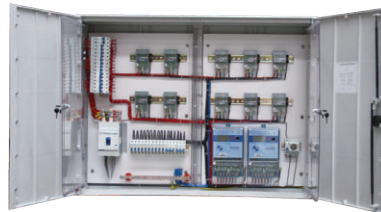
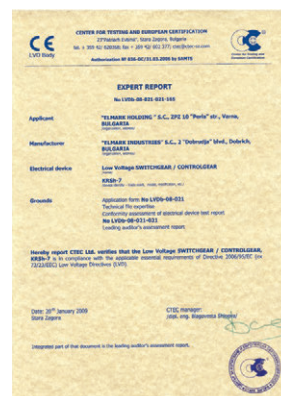
Documents corresponding to the product:

Standard EN 60439-1;
EN 60 439-3

ELECTRIC SWITCHBOARDS WITH TYPE-APPROVAL CERTIFICATES

The company has produced and successfully passed the type-approval procedures for the following metal and plastic electric control boxes and boards with ELMARK automation:

- Tower Mounted Switchgear
- Low Voltage Meter Box
- Low Voltage Main Switchboard
- Distribution Switchboard
- Power Compensation System

**Low Voltage Meter Box Type TEPO****Low Voltage Main Switchboard Type GRT****Tower Mounted Switchgear Type MTT****Power Compensation System Type CCU****Distribution Switchboard Type KRSH**

Documents corresponding to the product:

Standard EN 60670-24

PLASTIC DISTRIBUTION BOXES FOR SURFACE AND FLUSH MOUNTING ATTIS SERIES, IP40

3+0
standard
+extended
3 YEAR TOTAL
WARRANTY



Zero and ground terminals included



The distribution boxes are designed for mounting in newly built buildings or buildings in reconstruction. They are a module box with mounted protective devices of the given flats electrical current circuit circles. They are supplied with transparent door for each row opening upwards to 90°. They are made of white self-extinguishing plastic, resistant to heat and high temperature with IP code: IP 40. The mounted device in the box is protected from direct contact to the current leading parts. They are offered with DIN-rail for device mounting and terminal strips for the neutral and earthing conductor joining. Mounted

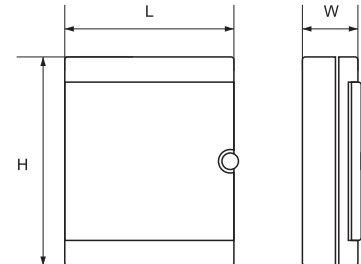
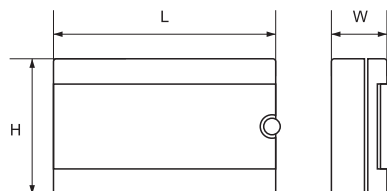
directly on the walls with screws.

TECHNICAL DATA:

- Maximum insulation voltage: 690V; 50Hz
- Door colour: Transparent
- Mounting type: Surface; Flush
- Modules (N°): 6; 9; 12; 16; 24; 36
- IP code: IP40
- Row: Single row for 6, 9, 12 and 16 modules
- Double rows for 16; 24 and 36 modules
- Material: ABS for body and PC for door
- Fire resistance: 360°C/30s

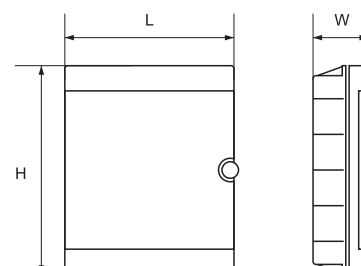
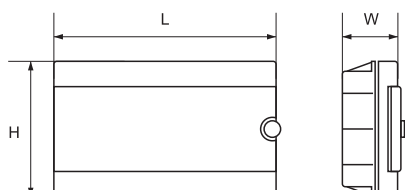
Plastic distribution boxes for surface mounting- ATTIS series, IP40

Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Product category	Catalogue number
			L	H	W			
Attis 6	1	6	185	140	90	1/30	C	60025
Attis 9	1	9	220	164	90	1/20	C	60095
Attis 12	1	12	305	205	90	1/16	C	60125
Attis 16	1	16	355	220	90	1/16	C	60165
Attis 16	2	16	231	285	90	1/16	C	60175
Attis 24	2	24	313	345	96	1/8	C	60245
Attis 36	3	36	315	440	96	1/5	C	60365



Plastic distribution boxes for flush mounting- ATTIS series, IP40

Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Product category	Catalogue number
			L	H	W			
Attis 6	1	6	185	140	90	1/30	C	60026
Attis 9	1	9	220	164	90	1/20	C	60096
Attis 12	1	12	305	205	90	1/16	C	60126
Attis 16	1	16	355	220	90	1/16	C	60166
Attis 16	2	16	231	285	90	1/16	C	60176
Attis 24	2	24	313	345	96	1/8	C	60246
Attis 36	3	36	315	440	96	1/5	C	60366



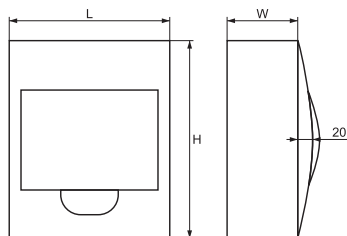
In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.

Documents corresponding to the product:

Standard EN 60670-24

PLASTIC DISTRIBUTION BOXES FOR SURFACE MOUNTING MINI SERIES, IP40**3+0**
standard
+extended **3** YEAR TOTAL
WARRANTY**Plastic distribution boxes for surface mounting, MINI series**

Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Product category	Catalogue number
			L	H	W			
Mini 1	1	1	40	150	65	1/120	C	60106
Mini 2	1	2	55	150	65	1/84	C	60107
Mini 4	1	4	95	150	65	1/48	C	60108

**PLASTIC DISTRIBUTION BOXES FOR SURFACE AND FLUSH MOUNTING PDB1 SERIES, IP40****3+2**
standard
+extended **5** YEAR TOTAL
WARRANTY**Boxes for surface mounting**

Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Product category	Catalogue number
			L	H	W			
PDB1-4	1	4	110	205	75	1 / 20	C	60040
PDB1-6	1	6	150	205	75	1 / 20	C	60060
PDB1-8	1	8	190	205	75	1 / 20	C	60080

**Boxes for flush mounting**

Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Product category	Catalogue number
			L	H	W			
PDB1-4	1	4	110	205	75	1 / 20	C	60041
PDB1-6	1	6	150	205	75	1 / 20	C	60061
PDB1-8	1	8	190	205	75	1 / 20	C	60081

**Plastic distribution boxes for surface and flush mounting IP40 ***

Type	Number of rows	Module capacity (number of devices)	Mounting type	Dimensions (mm)			Packing / Box	Product category	Catalogue number
				L	H	W			
PDB1-4*	1	4	Flush	136	222	60	1/20	F	80041
PDB1-6*	1	6	Flush	170	222	60	1/20	F	80061
PDB1-36*	3	36	Flush	300	484	66	1/5	F	80361
PDB1-36*	3	36	Surface	271	462	66	1/5	F	80360

*3 year standard+0 year extended warranty

UNTIL SUPPLY
LAST

In case of insufficient quantity in stock for BOXES MINI SERIES, the delivery time after order confirmation will be 45 days, and for PDB1 will be 90 days.

Documents corresponding to the product:

Standard EN 62 208;
EN 60439-1; EN 60 439-3



PLASTIC DISTRIBUTION BOXES FOR SURFACE MOUNTING IP40 - BLUE SERIES

3+2
standard
+extended
5 YEAR TOTAL
WARRANTY

The distribution boxes are designed for mounting in newly built buildings or buildings in reconstruction. They are a module box with mounted protective devices of the given flats electrical current circuit circles. They are supplied with transparent door for each row opening upwards to 90°. They are made of white self-extinguishing plastic, resistant to heat and high temperature with IP code: IP 40. The mounted device in the box is protected from direct contact to the current leading parts. They are offered with DIN-rail for device mounting and terminal strips for the neutral and earthing conductor joining. Mounted directly on the walls with screws.

TECHNICAL DATA:

- Door colour: Transparent blue
- Mounting type: Surface; Flush
- Modules (N°): 12; 18; 24; 28; 36
- IP code: IP40
- Row: Single row for 12 and 18 modules
- Double rows for 24; 28 and 36 modules
- Material: ABS for body and PC for door
- Fire resistance: 650°C/30s
- Ambient temperature(°C): -5 +65°C, max. 95% humidity
- Colour: White RAL 9003
- Storage temperature(°C): -40 +75°C

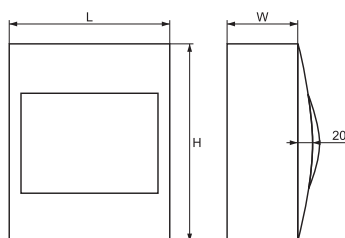
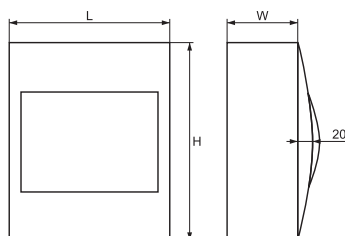
Boxes for surface mounting, BLUE series

Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Product category	Catalogue number
			L	H	W			
Blue 12	1	12	300	204	102	1/10	C	60122
Blue 18	1	18	410	204	102	1/10	C	60182
Blue 24	2	24	300	294	109	1/5	C	60242
Blue 28	2	28	310	354	109	1/5	C	60282
Blue 36	2	36	410	294	109	1/5	C	60362



Boxes for flush mounting, BLUE series

Type	Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Product category	Catalogue number
			L	H	W			
Blue 12	1	12	317	220	102	1/10	C	60123
Blue 18	1	18	426	220	102	1/10	C	60183
Blue 24	2	24	317	310	109	1/5	C	60243
Blue 28	2	28	294	338	109	1/5	C	60283
Blue 36	2	36	426	310	109	1/5	C	60363



In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 90 days.

Documents corresponding to the product:Standard EN 62 208;
EN 60439-1; EN 60 439-3**MOISTURE-PROOF DISTRIBUTION BOXES
FOR SURFACE MOUNTING - BETA SERIES IP55
AND GAMMA SERIES IP65****3+2**
standard
+extended **5** YEAR TOTAL
WARRANTY

The distribution boxes are designed for mounting in newly built buildings or buildings in reconstruction. They are a module box with mounted protective devices of the given flats electrical installation current circles. They are supplied with transparent door for each row opening upwards to 90°. They are made of white non-self-extinguishing plastic, resistant to heat and high temperature. The special design of the lids and gaskets provides IP code: IP55; IP65. The mounted device in the box is protected from indirect contact to the current leading parts. They are offered with DIN-rail for device mounting and terminal strips for the neutral and earthing conductor joining. For direct wall mounting with screws.

TECHNICAL DATA:

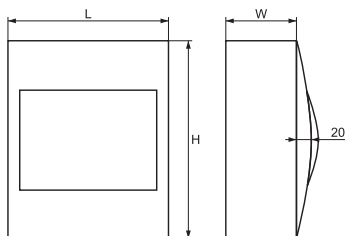
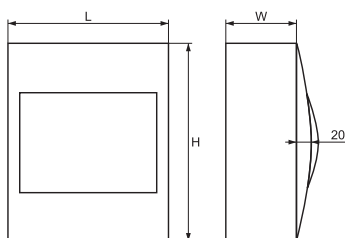
- Maximum insulation voltage: 690V; 50Hz
- Flame retardance: UL94 V-O
- IP code: IP55; IP65
- Door colour: Transparent
- Mounting type: Surface

Moisture-proof distribution boxes for surface mounting - Beta series, IP 55

Type	Number of rows	Module capacity (number of devices)	IP	Dimensions (mm)			Packing / Box	Product category	Catalogue number
				L	H	W			
Beta 4	1	4	55	127	214	93	1 / 20	C	60100
Beta 6	1	6	55	162	214	93	1 / 20	C	60101
Beta 8	1	8	55	216	214	93	1 / 20	C	60102
Beta 12	1	12	55	270	214	93	1 / 12	C	60103
Beta 18	1	18	55	378	233	93	1 / 8	C	60104
Beta 24	2	24	55	340	288	93	1 / 8	C	60105

**Moisture-proof distribution boxes for surface mounting - Gamma series, IP 65**

Type	Number of rows	Module capacity (number of devices)	IP	Dimensions (mm)			Packing / Box	Product category	Catalogue number
				H	L	W			
Gamma 4	1	4	65	210	140	100	1/30	C	60004
Gamma 8	1	8	65	210	215	100	1/20	C	60008
Gamma 12	1	12	65	260	300	140	1/10	C	60012
Gamma 18	1	18	65	285	410	140	1/5	C	60018
Gamma 24	2	24	65	300	415	140	1/5	C	60024



Documents corresponding to the product:

Standard EN 60439 -1
EN 60439 -5



PLASTIC DISTRIBUTION BOARDS ABS- PP SERIES, IP65

3+2
standard
+extended
5 YEAR TOTAL
WARRANTY

Plastic distribution boards of various sizes. Intended for extension or distribution of cable lines. They can also be used as meter boxes. They are resistant to chemical agents, thermal and UV rays.

TECHNICAL SPECIFICATIONS:

- Resistance: chemical agents, weak acids, alkali, oils, salts, etc.
- Rated Voltage: up to 690V
- Maximum Current: up to 800A
- Thermal Deformation: over 240°C
- Operating Temperature: -35°C + 65°C
- Material: ABS
- IP code: IP65

- Colour: RAL7035 grey
- Recyclable
- adjustable mounting plate position

MOUNTING:

- Vertically on flat surface

ABS halogen free distribution boards PP series - gray door

Board Type	Material Type	H (mm)	L (mm)	W (mm)	Packing / Box	Product category	Catalogue number
PP 3001	ABS	300	200	130	1	C	5312030130
PP 3002	ABS	350	250	150	1	C	5312535150
PP 3004	ABS	400	300	170	1	C	5313040170
PP 3005	ABS	400	300	220	1	C	5313040220
PP 3006	ABS	500	350	190	1	C	5313550190
PP 3007	ABS	500	400	240	1	C	5314050240
PP 3008	ABS	600	400	200	1	C	5314060190



Note: Open door angle 180°

ABS halogen free distribution boards PP series- transparent door

Board Type	Material Type	H (mm)	L (mm)	W (mm)	Packing / Box	Product category	Catalogue number
PP 3011	ABS	300	200	130	1	C	5342030130
PP 3012	ABS	350	250	150	1	C	5342535150
PP 3014	ABS	400	300	170	1	C	5343040170
PP 3015	ABS	400	300	220	1	C	5343040220
PP 3016	ABS	500	350	190	1	C	5343550190
PP 3017	ABS	500	400	240	1	C	5344050240
PP 3018	ABS	600	400	200	1	C	5344060190
PP 3020	ABS	700	500	250	1	C	5345070250



ABS halogen free distribution module boards PP series- transparent door

Board Type	Material Type	H (mm)	L (mm)	W (mm)	Packing / Box	Product category	Catalogue number
PP 3112-18modules	ABS	350	250	150	1	C	5322535150
PP 3114-24modules	ABS	400	300	170	1	C	5323040170
PP 3116-45modules	ABS	500	350	190	1	C	5323550190
PP 3118-60modules	ABS	600	400	200	1	C	5324060190



Note: Transperent door

In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.

SURFACE MOUNTING POLYESTER BOARDS EC SERIES IP65

UNTIL SUPPLY
LAST

3+2
standard
+extended
5 YEAR TOTAL
WARRANTY

TECHNICAL SPECIFICATIONS:

- Colour: grey RAL 7035.
- IP65 protection degree.
- Material: made of halogen free reinforced fiberglass polyester, self-extinguishing V0 degree according to UL94.
- Double insulation, shock resistance: IK10, 20j, according to EN 62262.
- Application temperature: minimum -25°, maximum +65°.
- Resistance to abnormal heat (GWT)- board with blank door up to 960°C - board with transparent window up to 650°C.
- Application voltage 1000V, suitable for photovoltaic plants.
- Right or left reversible door with stainless steel pins – it can be opened more than 180°.
- Plain and smooth headboards for easy opening and conduit inlet.
- Removable frame ready to install slotted trunkings in the back.
- Back plates made up of metal or insulating material can be fixed directly to the board back, also if the frame is used, or can be adjusted to different heights through the kit EC625REG.
- Possibility to mount 48-75mm high switches or 102mm high switches starting from the board with dimensions 435x505x215.
- One-Screw-System: only one type of screws is used for the different accessories in order to permit a simple and easy assembly.
- Left or right reversible counter door with stainless steel pins, ergonomic handle, triangle lock, adjustable at two different heights with reference grid for the fixing of the devices.
- Fixing of the single/double blank or windowed panels through a ¼ turn screws.

Halogen free polyester boards EC series- blank door

Type	Material	H (mm)	L (mm)	W (mm)	Packing /Box	Product category	Catalogue number
PBBD 5002	Polyester	430	325	185	1	F	5333243185
PBBD 5003	Polyester	505	435	215	1	F	5334350215
PBBD 5004	Polyester	655	435	215	1	F	5334365215
PBBD 5005	Polyester	655	545	265	1	F	5335465265



*Detailed installation instructions and information about the functions and applications of all additional accessories for polyester boxes, you can find on: www.elmarkholding.eu

Halogen free polyester boards EC series- transparent door

Type	Material	H (mm)	L (mm)	W (mm)	Packing /Box	Product category	Catalogue number
PBTD 5001	Polyester	305	270	170	1	F	5362730170
PBTD 5002	Polyester	430	325	185	1	F	5363243185
PBTD 5003	Polyester	505	435	215	1	F	5364350215
PBTD 5004	Polyester	655	435	215	1	F	5364365215
PBTD 5005	Polyester	655	545	265	1	F	5365465265



Polyester hinger counterdoor EC

Type	Material	Used for type boards	Packing /Box	Product category	Catalogue number
CD 5002	Polyester	PBTD/PBBD 5002	1	F	53502CD
CD 5003	Polyester	PBTD/PBBD 5003	1	F	53503CD
CD 5004	Polyester	PBTD/PBBD 5004	1	F	53504CD
CD 5005	Polyester	PBTD/PBBD 5005	1	F	53505CD



In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.



Metal back plate EC

Type	Dimensions	Used for type boards	Packing /Box		Product category	Catalogue number
MP 5001	207x239	PBTD/PBBD 5001	1	F		53501MP
MP 5002	264x364	PBTD/PBBD 5002	1	F		53502MP
MP 5004	372x589	PBTD/PBBD 5004	1	F		53504MP
MP 5005	482x589	PBTD/PBBD 5005	1	F		53505MP
MP 5006	556x739	PBTD/PBBD 5006	1	F		53506MP



Insulating plastic back plate EC

Type	Dimensions	Used for type boards	Packing /Box		Product category	Catalogue number
IBP 5001	207x239	PBTD/PBBD 5001	1	F		53501IBP
IBP 5005	482x589	PBTD/PBBD 5005	1	F		53505IBP
IBP 5006	556x739	PBTD/PBBD 5006	1	F		53506IBP



Pair of uprights for rail DIN and panels EC

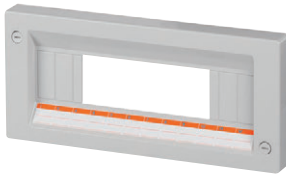
Type	Used for type boards		Packing /Box		Product category	Catalogue number
DP 5002	PBTD/PBBD 5002		1 pair	F		53502DP
DP 5003	PBTD/PBBD 5003		1 pair	F		53503DP
DP 5004	PBTD/PBBD 5004/5005		1 pair	F		53504DP
DP 5006	PBTD/PBBD 5006		1 pair	F		53506DP



DIN rail with support EC

Type	Module capacity	Used for type boards	Packing /Box		Product category	Catalogue number
DS 5005	28	PBTD/PBBD 5006	1	F		53505DS



**Cover module with window EC**

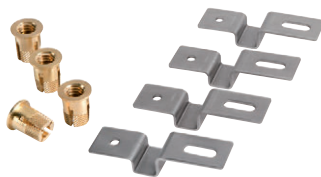
Type	Module capacity	Used for type boards	Packing /Box	Product category	Catalogue number
CMW 5002	12	PBTD/PBBD 5002	1	F	53502CMW
CMW 5003	18	PBTD/PBBD 5003/5004	1	F	53503CMW
CMW 5004	24	PBTD/PBBD 5005	1	F	53504CMW
CMW 5005	28	PBTD/PBBD 5006	1	F	53505CMW

**Blank cover module EC**

Type	Height of single/ double cover (mm)	Used for type boards	Packing / Box	Product category	Catalogue number single cover	Catalogue number double cover
Blank cover module	125/250	PBTD/PBBD 5002	1	F	53502S	
	150/300	PBTD/PBBD 5003/5004	1	F	53503S	53503D
	150/300	PBTD/PBBD 5005	1	F	53505S	53505D
	150/300	PBTD/PBBD 5006	1	F	53506S	53506D

**Deep adjustment back plate kit EC**

Type	Used for type boards	Need kits	Packing /Box	Product category	Catalogue number
Deep adjustment back plate kit	PBTD/PBBD 5002/5003	2kit	1 kit (2 pcs)	F	53507
	PBTD/PBBD 5004/5005	3kit	1 kit (2 pcs)	F	53507
	PBTD/PBBD 5006	4kit	1 kit (2 pcs)	F	53507

**Spare brass and brackets for fixing- galvanized EC**

Type	Used for type boards	Packing /Box	Product category	Catalogue number
Galvanized brackets	All type	1 kit (4 pcs)	F	53510
Spare brass insert kit	All type	1 kit (10 pcs)	F	53512

**Safety lock EC**

Type	Used for type boards	Packing /Box	Product category	Catalogue number
Safety lock	All type	1	F	53511



Note: Lock supplied with two unified keys. The keys are unified and open all the locks

In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.

INSPECTION DOOR

Lightweight design for flush-mounted separation points

Claw length approx. 80 mm

Strip galvanized

Material: Steel

Model	Length (mm)	Width (mm)	Height (mm)	Packing/Box (pcs)	Product category	Catalogue number
5800 VZ	180	13.5	230	1	G	M500684



FLUSH MOUNTING JUNCTION BOX EC350 SERIES

TECHNICAL DATA:

Rated voltage: up to 1000V

Box material: Shock resistant technopolymer

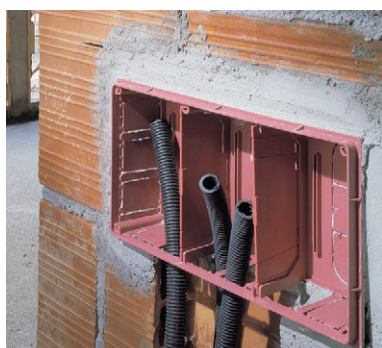
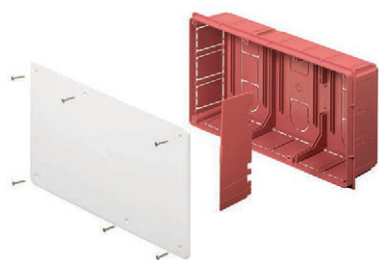
Screw material: Anticorrosive galvanized steel

For quick and easy cables or conduits inlet- Side are pre-cutting

By the separator it is possible to divide the box into separate sections for different circuits

IP code: IP40

Type	Description	Box dimensions (mm)			Packing / Box	Product category	Catalogue number
		L	H	W			
EC350C4	Junction box	152	100	70	1/80	C	1927410
EC350C6	Junction box	196	152	70	1/40	C	1927411
EC350C7	Junction box	294	152	70	1/28	C	1927412
EC350C8	Junction box	392	152	70	1/20	C	1927413
EC350S	Separator				10/100	C	1927415



In case of insufficient quantity in stock of any item listed on this page, the delivery time after order confirmation will be 45 days.



UNIVERSAL CONSOLE BOX FOR PLASTERBOARD

Type	d (mm)	Packing (pcs)	Product category	Catalogue number
Console box for plasterboard- Ø65	65	240	C	19273



UNIVERSAL CONSOLE BOX-FLUSH MOUNTING

Type	d (mm)	Packing (pcs)	Product category	Catalogue number
Console box- Ø65	65	300	C	1927302



CONSOLE BOX MULTI

Type	d (mm)	Packing (pcs)	Product category	Catalogue number
Console box multi- Ø65	65	250	C	1927301



CONSOLE FOR BRICK AND CONCRETE ITALIAN TYPE

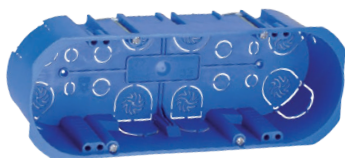
Type	Packing (pcs)	Product category	Catalogue number
Triple Console box for brick and concrete	10/300	C	24203
Quadruple Console box for brick and concrete	10/200	C	71304
Sixfold Console box for brick and concrete	10/200	C	68206



CONSOLE BOX FOR PLASTERBOARD ITALIAN TYPE

Type	Packing (pcs)	Product category	Catalogue number
Triple Console box for plasterboard	160	C	24205
Quadruple Console box for plasterboard	150	C	24206





CONSOLE BOX FOR PLASTERBOARD ITALIAN TYPE

Type	Packing (pcs)	Product category	Catalogue number
Sixfold Console box for plasterboard	10/160	C	26636



DISTRIBUTION BOXES-SQUARE TYPE



Type	Size			Packing (pcs)	Product category	Catalogue number
	L	W	H			
Distribution Box 80/80/50	80	80	50	100	C	1927402
Distribution Box 100/100/50	100	100	50	100	C	1927401



DB FOR PLASTERBOARD-SQUARE TYPE



Type	Size			Packing (pcs)	Product category	Catalogue number
	L	W	H			
Distribution Box 80/80/45	80	80	45	100	C	1927405
Distribution Box 100/100/45	100	100	45	100	C	1927404



DB FOR PLASTERBOARD-ROUND TYPE



Type	d (mm)	Packing (pcs)	Product category	Catalogue number
Distribution Box Φ 65	65	240	C	1927403
Distribution Box Φ 70	70	200	C	1927407
Distribution Box Φ 80	80	100	C	1927409



DISTRIBUTION BOXES - ROUND TYPE



Type	d (mm)	Packing (pcs)	Product category	Catalogue number
Distribution Box Φ 70	70	300	C	1927406
Distribution Box Φ 80	80	200	C	1927408



WATERPROOF JUNCTION BOXES IP44



Plastic junction boxes with different shapes and dimensions. Designed for cable lines extension or tapping at cable installations laying. Made of ABS material with openings for input - output conductors, with rubber gasket to provide the corresponding IP code. Resistant to chemical, thermal and UV rays. Direct wall mounting with screws.

Documentation corresponding to the product:

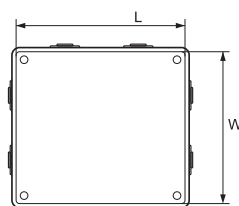
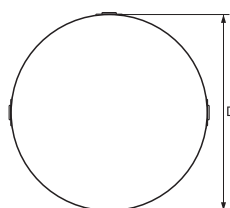
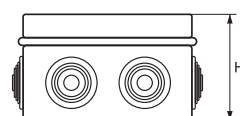
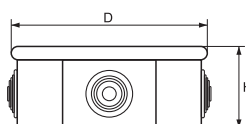
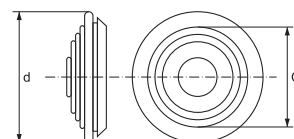
Standard: EN 60670-1

TECHNICAL DATA:

* Rated voltage: up to 1000V

* Material: ABS

* IP code: IP 44



Box type	Box dimensions (mm)				Gasket dimensions (mm)		IP code	Packing / Box	Product category	Catalogue number
	D	L	H	W	d	C				
WB50/50	50	-	-	50	22.5	17	44	320	C	8070
WB80/50	80	-	-	50	22.5	17	44	240	C	8071
WB85/85/50	-	85	85	50	22.5	18.5	44	200	C	8072



WATERPROOF JUNCTION BOXES IP65



Box type	Box dimensions (mm)				Hole/pcs	IP code	Packing / Box	Product category	Catalogue number
	L	H	W	d					
WBG 100/100/70	100	100	70	27	7	65	100	C	8001
WBG 150/110/70	150	110	70	27	10	65	60	C	8002
WBG 150/150/70	150	150	70	27	7	65	60	C	8003
WBG 200/100/70	200	100	70	27	8	65	50	C	8004
WBG 200/155/80	200	155	80	35	10	65	30	C	8005
WBG 200/200/80	200	200	80	35	12	65	30	C	8006
WBG 255/200/80	255	200	80	35	12	65	30	C	8007
WBG 300/250/120	300	250	120	35	12	65	20	C	8008
WBG 400/350/120	400	350	120	35	16	65	5	C	8009



WATERPROOF JUNCTION BOXES IP66 WITH TRANSPARENT COVER



Box type	Box dimensions (mm)			IP code	Packing / Box	Product category	Catalogue number
	L	H	W				
WBT 65/95/55	65	95	55	66	200	C	8010
WBT 100/100/50	100	100	50	66	150	C	8011
WBT 80/110/70	80	110	70	66	100	C	8012
WBT 80/130/85	80	130	85	66	100	C	8013
WBT 80/180/70	80	180	70	66	86	C	8014
WBT 80/250/85	80	250	85	66	60	C	8015
WBT 125/125/75	125	125	75	66	48	C	8016
WBT 125/125/100	125	125	100	66	36	C	8022
WBT 125/175/100	125	175	100	66	40	C	8017
WBT 150/200/100	150	200	100	66	24	C	8018
WBT 150/250/130	150	250	130	66	18	C	8019
WBT 200/200/130	200	200	130	66	27	C	8020
WBT 280/190/130	280	190	130	66	18	C	8021



JUNCTION BOXES B SERIES, IP54



Model	Box dimensions (mm)			Colour	Packing / Box	Product category	Catalogue number
	L	H	W				
B8	80	80	45	Grey	100	C	8030
B10	100	100	45	Grey	100	C	8031



THERMOPLASTIC CABLE JUNCTION BOX, A SERIES, IP54



Model	Box dimensions (mm)			Colour	Packing / Box	Product category	Catalogue number
	L	H	W				
A6	80	43	34	Grey	10/100	G	M008128
A8	75	75	36	Grey	10/150	G	M008129
A11	85	85	40	Grey	10/80	G	M008106
A14	100	100	38	Grey	10/100	G	M008107
A18	125	100	38	Grey	10/80	G	M008091





THERMOPLASTIC CABLE JUNCTION BOXES, T SERIES WITH PLUG-IN SEAL, IP66

Model	Box dimensions (mm)			Colour	Packing / Box	Product category	Catalogue number
	L	H	W				
T25 (round)	80	80	51	Grey	5/125	G	M008140
T40	90	90	522	Grey	5/80	G	M008127
T60	114	114	57	Grey	6/60	G	M008125
T100	150	116	67	Grey	1/40	G	M008123
T160	190	150	77	Grey	1/20	G	M008058
T250	240	190	95	Grey	1/8	G	M008118
T350	285	201	120	Grey	1/5	G	M008141



THERMOPLASTIC CABLE JUNCTION BOXES, T OE SERIES, ENCLOSED, IP66

Model	Box dimensions (mm)			Colour	Packing / Box	Product category	Catalogue number
	L	H	W				
T60 OE	114	114	57	Grey	6/60	G	M008105
T100 OE	150	116	67	Grey	1/40	G	M008055
T160 OE	190	150	77	Grey	1/20	G	M008124
T250 OE	240	190	95	Grey	1/8	G	M008142
T350 OE	285	201	120	Grey	1/5	G	M008143



JUNCTION BOX WITH PERFORATION MEMBRANE B 9/T, IP67

Model	Box dimensions (mm)			Colour	Packing / Box	Product category	Catalogue number
	L	H	W				
B 9/T	110	110	50	Grey	5/40	G	M008144

