

# EL<sup>®</sup>MARK

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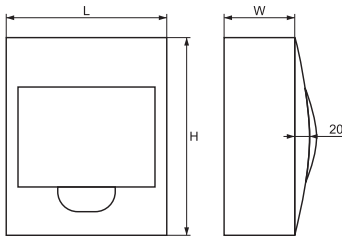
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**Documents corresponding to the product:**

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



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

**3** YEAR 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:**

- Maximum insulation voltage: 690V; 50Hz
- fire resistance rate: UL 94
- IP code: IP 40
- Class of current limiting: 2

**Boxes for surface mounting**

Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Catalogue number
		L	H	W		
1	4	110	205	75	1 / 20	<b>60040</b>
1	6	150	205	75	1 / 20	<b>60060</b>
1	8	190	205	75	1 / 20	<b>60080</b>

**Boxes for flush mounting**

Number of rows	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Catalogue number
		L	H	W		
1	4	110	205	75	1 / 20	<b>60041</b>
1	6	150	205	75	1 / 20	<b>60061</b>
1	8	190	205	75	1 / 20	<b>60081</b>



## Plastic distribution boards

### Documents corresponding to the product:

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



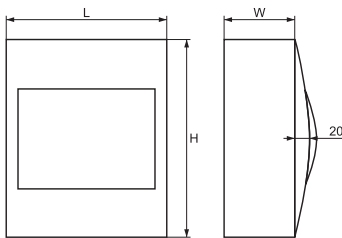
### Plastic distribution boxes for surface and flush mounting IP40

**3** YEAR 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: IP30
- 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

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

#### Boxes for flush mounting

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





**Documents corresponding to the product:**

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

**Moisture-proof distribution boxes for surface mounting - IP 55; IP65**

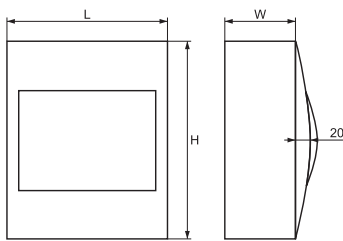
**3** YEAR WARRANTY

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 - IP 55**



Type	Number of rows	Module capacity (number of devices)	IP	Dimensions (mm)			Packing / Box	Catalogue number
				L	H	W		
WP4	1	4	55	127	214	93	1 / 20	<b>60100</b>
WP6	1	6	55	162	214	93	1 / 20	<b>60101</b>
WP8	1	8	55	216	214	93	1 / 20	<b>60102</b>
WP12	1	12	55	270	214	93	1 / 12	<b>60103</b>
WP18	1	18	55	378	233	93	1 / 8	<b>60104</b>
WP24	2	24	55	340	288	93	1 / 8	<b>60105</b>

**Moisture-proof distribution boxes for surface mounting - IP 65**



Type	Number of rows	Module capacity (number of devices)	IP	Dimensions (mm)			Packing / Box	Catalogue number
				L	H	W		
WPDB 04	1	4	65	140	210	100	1/30	<b>60004</b>
WPDB 08	1	8	65	215	210	100	1/20	<b>60008</b>
WPDB 12	1	12	65	300	260	140	1/10	<b>60012</b>
WPDB 18	1	18	65	410	285	140	1/5	<b>60018</b>
WPDB 24	2	24	65	415	300	140	1/5	<b>60024</b>

### Metal distribution boxes for flush and surface mounting **3** YEAR WARRANTY

#### Technical data:

- Maximum insulation voltage: 690V; 50Hz
- Flame retardance: V-0
- IP code: IP40
- Colour: Gray
- Mounting type: Surface and flush



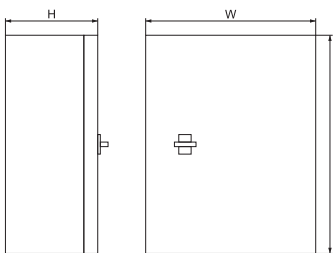
Type	Number of poles	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Catalogue number
			H	L	W		
MDB 1/4	1	4	251	190	90	1/10	<b>600104</b>
MDB 1/8	1	8	251	262	90	1/10	<b>600108</b>
MDB 1/12	1	12	251	334	90	1/10	<b>600112</b>
MDB 1/16	1	16	251	406	90	1/10	<b>600116</b>



Type	Number of poles	Module capacity (number of devices)	Dimensions (mm)			Packing / Box	Catalogue number
			H	L	W		
MDB 3/4	3	4	454	406	114	1/2	<b>600304</b>
MDB 3/6	3	6	508	406	114	1/2	<b>600306</b>
MDB 3/8	3	8	562	406	114	1/2	<b>600308</b>
MDB 3/10	3	10	616	406	114	1/2	<b>600310</b>
MDB 3/12	3	12	670	406	114	1/2	<b>600312</b>

#### Documents corresponding to the product:

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



### Stainless steel metal boards **3** YEAR 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

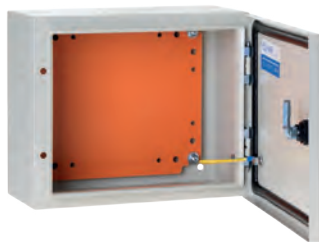
#### Mounting:

- vertically on flat surface

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

**Documents corresponding to the product:**

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



### Metal distribution boards

**3** YEAR WARRANTY

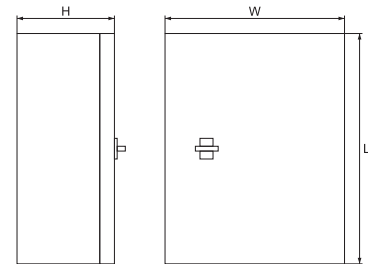
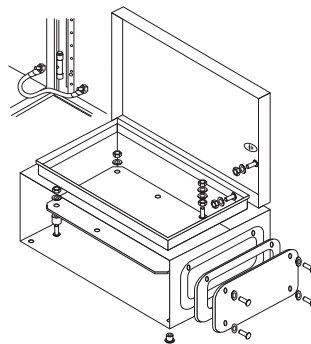
Supplied with a special lock, metal plate for fixing of electrical devices, lid for the input-output conductors, grounded dowel pin, gaskets, etc. Option to change the opening direction. Made of single steel sheet, treated with decorative powder coating.

**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	Catalogue number
		L (height)	W (width)	H (depth)			
JXF 25/25/15	1.0	250	250	150	80	1	<b>53025</b>
JXF 25/30/15	1.0	250	300	150	100	1	<b>53026</b>
JXF 30/25/15	1.0	300	250	150	100	1	<b>53030</b>
JXF 30/40/20	1.0	300	400	200	160	1	<b>53031</b>
JXF 40/30/20	1.0	400	300	200	160	1	<b>53040</b>
JXF 40/50/20	1.2	400	500	200	250	1	<b>53041</b>
JXF 40/40/20	1.2	400	400	200	250	1	<b>53044</b>
JXF 50/40/20	1.2	500	400	200	250	1	<b>53050</b>
JXF 40/60/20	1.2	400	600	200	250	1	<b>53051</b>
JXF 60/40/20	1.2	600	400	200	250	1	<b>53060</b>
JXF 60/60/20	1.2	600	600	200	250	1	<b>53066</b>
JXF 70/50/20	1.2	700	500	200	350	1	<b>53070</b>
JXF 80/60/25	1.5	800	600	250	400	1	<b>53080</b>
JXF 100/80/30	1.5	1000	800	300	630	1	<b>53100</b>
JXF 120/80/30	1.5	1200	800	300	630	1	<b>53120</b>
JXF 140/80/30	1.5	1400	800	300	800	1	<b>53140</b>
JXF 180/80/30	1.5	1800	800	300	1000	1	<b>53188</b>
JXF 180/100/30*	1.5	1800	1000	300	1250	1	<b>53180</b>

**Note:** \*Metal boxes with double door

### Documents corresponding to the product:

Standard EN 60439-1;  
EN 60 439-3

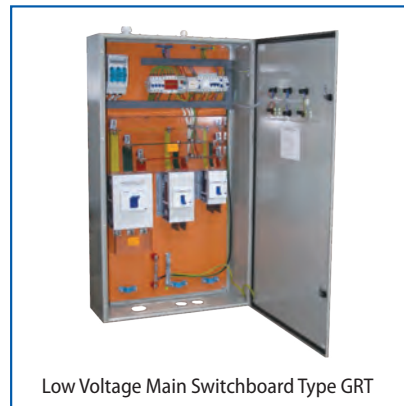
### Electric Switchboards with Type-Approval Certificates

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 60439 -1  
EN 60439 -5

### Plastic distribution boards - ABS IP65

**3** YEAR 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 - gray door

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

**Note:** Open door angle 180°



### ABS halogen free distribution boards - transparent door

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





### ABS halogen free distribution module boards - transparent door

Board Type	Material Type	L (mm)	W (mm)	H (mm)	Packing / Box	Catalogue number
PP 3112-18modules	ABS	250	330	130	1	<b>5322535150</b>
PP 3114-24modules	ABS	300	350	150	1	<b>5323040170</b>
PP 3116-45modules	ABS	350	500	190	1	<b>5323550190</b>
PP 3118-60modules	ABS	400	600	200	1	<b>5324060190</b>

**Note:** Transparent door

### Surface mounting polyester boards EC - IP65

**3** YEAR 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- blank door

Type	Material	L (mm)	W (mm)	H (mm)	Packing / Box	Catalogue number
PBBD 5001	Polyester	270	305	170	1	<b>5332730170</b>
PBBD 5002	Polyester	325	430	185	1	<b>5333243185</b>
PBBD 5003	Polyester	435	505	215	1	<b>5334350215</b>
PBBD 5004	Polyester	435	655	215	1	<b>5334365215</b>
PBBD 5005	Polyester	545	655	265	1	<b>5335465265</b>
PBBD 5006	Polyester	620	810	320	1	<b>5336281320</b>

\*Detailed installation instructions and information about the functions and applications of all additional accessories for polyester boxes, you can find on: [www.elmarkholding.eu](http://www.elmarkholding.eu)





**Halogen free polyester boards EC - transparent door**

Type	Material	L (mm)	W (mm)	H (mm)	Packing / Box	Catalogue number
PBTD 5001	Polyester	270	305	170	1	<b>5362730170</b>
PBTD 5002	Polyester	325	430	185	1	<b>5363243185</b>
PBTD 5003	Polyester	435	505	215	1	<b>5364350215</b>
PBTD 5004	Polyester	435	655	215	1	<b>5364365215</b>
PBTD 5005	Polyester	545	655	265	1	<b>5365465265</b>
PBTD 5006	Polyester	620	810	320	1	<b>5366281320</b>



**Polyester hinger counterdoor EC**

Type	Material	Used for type boards	Packing / Box	Catalogue number
CD 5002	Polyester	PBTD/PBBB 5002	1	<b>53502CD</b>
CD 5003	Polyester	PBTD/PBBB 5003	1	<b>53503CD</b>
CD 5004	Polyester	PBTD/PBBB 5004	1	<b>53504CD</b>
CD 5005	Polyester	PBTD/PBBB 5005	1	<b>53505CD</b>
CD 5006	Polyester	PBTD/PBBB 5006	1	<b>53505CD</b>



**Metal back plate EC**

Type	Dimensions	Used for type boards	Packing / Box	Catalogue number
MP 5001	207x239	PBTD/PBBB 5001	1	<b>53501MP</b>
MP 5002	264x364	PBTD/PBBB 5002	1	<b>53502MP</b>
MP 5003	372x439	PBTD/PBBB 5003	1	<b>53503MP</b>
MP 5004	372x589	PBTD/PBBB 5004	1	<b>53504MP</b>
MP 5005	482x589	PBTD/PBBB 5005	1	<b>53505MP</b>
MP 5006	556x739	PBTD/PBBB 5006	1	<b>53506MP</b>



**Insulating plastic back plate EC**

Type	Dimensions	Used for type boards	Packing / Box	Catalogue number
IBP 5001	207x239	PBTD/PBBB 5001	1	<b>53501IBP</b>
IBP5002	264x364	PBTD/PBBB 5002	1	<b>53502IBP</b>
IBP5003	372x439	PBTD/PBBB 5003	1	<b>53503IBP</b>
IBP 5004	372x589	PBTD/PBBB 5004	1	<b>53504IBP</b>
IBP 5005	482x589	PBTD/PBBB 5005	1	<b>53505IBP</b>
IBP 5006	556x739	PBTD/PBBB 5006	1	<b>53506IBP</b>

\*Detailed installation instructions and information about the functions and applications of all additional accessories for polyester boxes, you can find on: [www.elmarkholding.eu](http://www.elmarkholding.eu)



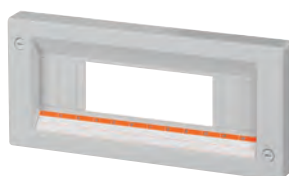
### Pair of uprights for rail DIN and panels EC

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



### DIN rail with support EC

Type	Module capacity	Used for type boards	Packing / Box	Catalogue number
DS 5002	12	PBTD/PBBD 5002	1	<b>53502DS</b>
DS 5003	18	PBTD/PBBD 5003/5004	1	<b>53503DS</b>
DS 5004	24	PBTD/PBBD 5005	1	<b>53504DS</b>
DS 5005	28	PBTD/PBBD 5006	1	<b>53505DS</b>



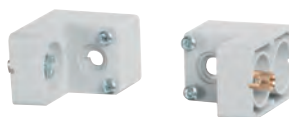
### Cover module with window EC

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



### Blank cover module EC

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



### Deep adjustment back plate kit EC

Type	Used for type boards	Need kits	Packing /Box	Catalogue number
Deep adjustment back plate kit	PBTD/PBBD 5002/5003	2kit	1 kit (2 pcs)	<b>53507</b>
	PBTD/PBBD 5004/5005	3kit	1 kit (2 pcs)	<b>57508</b>
	PBTD/PBBD 5006	4kit	1 kit (2 pcs)	<b>53509</b>



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

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



### Safety lock EC

Type	Used for type boards	Packing /Box	Catalogue number
Safety lock	All type	1	<b>53511</b>

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