

ELMARK[®]

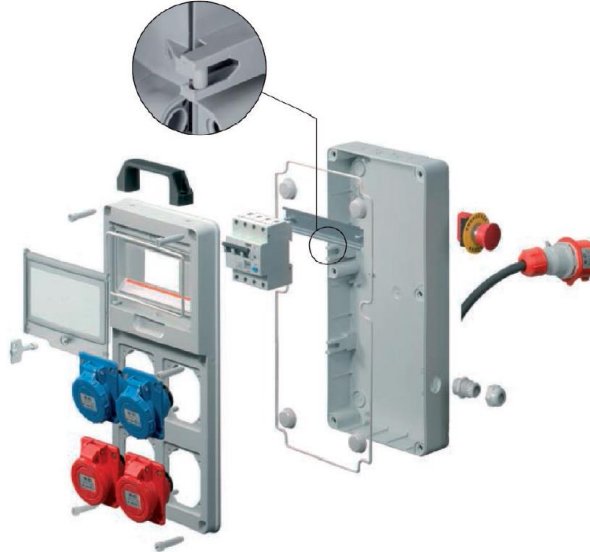
The Brand of Electricity

INDUSTRIAL BOARD SYSTEM EC690 SERIES



Description:

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 techno polymer 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 techno polymer 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.

Variants and Dimensions:

■ EMPTY DISTRIBUTION BOARD EC690 SERIES



Type	Description	Number of modules	IP code	Size (mm)			Packing pcs/box	Catalogue number
				W	H	D		
EC69021	2 vertical sockets	4	65	105	337	95	1/15	53EC69021
EC69022	3 vertical sockets	4	65	105	430	95	1/13	53EC69022
EC69023	4 sockets	8	65	200	430	95	1/10	53EC69023
EC69025	6 sockets	12	65	320	510	135	1	53EC69025

*For sockets with 60x60mm hole center distance

■ ASSEMBLED DISTRIBUTION BOARD 690 SERIES 2 VERTICAL SOCKETS, 4 MODULES



Empty board type	Type of the contacts				IP code	Catalogue number
	German type	1P+N+E	3P+N	3P+N+E		
EC69021		1x16A+1x32A			44	53EC690212A1
EC69021		1x16A		1x16A	44	53EC690212A2
EC69021		1x16A	1x16A		44	53EC690212A3
EC69021	2x16A				44	53EC690212A4
EC69021		1x16A+1x32A			44	53EC690212B1
EC69021		1x16A		1x16A	44	53EC690212B2
EC69021		1x16A	1x16A		44	53EC690212B3

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

TECHNICAL SPECIFICATION





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LIMIT SWITCHES

- ASSEMBLED DISTRIBUTION BOARD 690 SERIES 3 VERTICAL SOCKETS, 4 MODULES







Empty board type	Type of the contacts				IP code	Catalogue number
	German type 	1P+N+E 	3P+N 	3P+N+E 		
EC69022		1x16A+1x32A		1x16A	44	53EC690223A1
EC69022		1x32A		1x16A+1x32A	44	53EC690223A2
EC69022		1x16A+1x32A	1x16A		44	53EC690223A3
EC69022		1x32A	1x16A+1x32A		44	53EC690223A4
EC69022	2x16A	1x16A			44	53EC690223A5
EC69022		1x16A+1x32A		1x16A	44	53EC690223B1
EC69022		1x32A		1x16A+1x32A	44	53EC690223B2
EC69022		1x16A+1x32A	1x16A		44	53EC690223B3
EC69022		1x32A	1x16A+1x32A		44	53EC690223B4

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

- ASSEMBLED DISTRIBUTION BOARD 690 SERIES 4 SOCKETS, 8 MODULES



Empty board type	Type of the contacts				IP code	Catalogue number
	German type 	1P+N+E 	3P+N 	3P+N+E 		
EC69023		1x16A+1x32A		1x16A+1x32A	44	53EC690234A1
EC69023		2x32A		2x16A	44	53EC690234A2
EC69023		1x16A+1x32A	1x16A+1x32A		44	53EC690234A3
EC69023		2x32A	2x16A		44	53EC690234A4
EC69023	2x16A	1x16A+1x32A			44	53EC690234A5
EC69023	2x16A		1x16A+1x32A		44	53EC690234A6

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LIMIT SWITCHES

EC69023		1x16A+1x32A		1x16A+1x32A	67	53EC690234B1
EC69023		2x32A		2x16A	67	53EC690234B2
EC69023		1x16A+1x32A	1x16A+1x32A		67	53EC690234B3
EC69023		2x32A	2x16A		67	53EC690234B4

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

ASSEMBLED DISTRIBUTION BOARD 690 SERIES 6 SOCKETS, 12 MODULES



Empty board type	Type of the contacts				IP code	Catalogue number
	German type 	1P+N+E 	3P+N 	3P+N+E 		
EC69025		2x16A+1x32A		2x16A+1x32A	44	53EC690256A1
EC69025		1x16A+2x32A		1x16A+2x32A	44	53EC690256A2
EC69025		2x16A+1x32A	2x16A+1x32A		44	53EC690256A3
EC69025		1x16A+2x32A	1x16A+2x32A		44	53EC690256A4
EC69025	3x16A	2x16A+1x32A			44	53EC690256A5
EC69025	2x16A	1x16A	2x16A+1x32A		44	53EC690256A6
EC69025		2x16A+1x32A		2x16A+1x32A	67	53EC690256B1
EC69025		1x16A+2x32A		1x16A+2x32A	67	53EC690256B2
EC69025		2x16A+1x32A	2x16A+1x32A		67	53EC690256B3
EC69025		1x16A+2x32A	1x16A+2x32A		67	53EC690256B4

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

SPARE FLANGE WITH SCREWS AND GASKETS



Type	Size (mm)			Packing (pcs/box)	Catalogue number
	W	H	D		
EC690F1	85	74	-	1/10	53EC690F1

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LIMIT SWITCHES

The flange mounted is used for closing of the factory maid 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	Size (mm)			Packing (pcs/box)	Catalogue number
	W	H	D		
EC690MA	134	42	25.6	1/10	53EC690MA

*It assures a convenience when carrying the board.

Standards

EN 50102

EN 60670-24

EN 60309-1

EN 60309-2

