

EC690PL6

ASSEMBLED DISTR. BOARD FOR LINE PROTECTION 80A 3P+N 30mA 10KA

Industrial > Distribution boards > Distribution boards > Series acs - panel system 800 > Small distribution board equipped > Line protection panel

Technical Symbols/Marks/Approvals

IP65 | MADE IN ITALY | GWT 650° | RoHS II

Norms

EN 61439-1 EN 61439-4

Description

ASC-type distribution board, factory-assembled in series for line protection. Manufactured in shock-resistant ABS-based technopolymer. IK08 impact resistance rating, suitable for heavy-duty applications. Galvanized steel DIN rail. Door equipped with a cylinder safety lock. Internal knockouts for recommended entry using cable glands. Line protection boards do not require earthing. Double insulation with fixing screw caps included. Board to be installed immediately downstream of the delivery point to protect the main construction site supply line toward the general distribution board when the line length exceeds 3 meters. For supplies exceeding 30 kW, request the necessary breaking capacity in advance. Manufactured in compliance with EN 60670-1, EN 60670-24, EN 61439-1, EN 61439-4 standards.
Recommended installation: mobile or semi-fixed. Recommended use: construction sites or temporary workplaces where access is restricted to authorized and qualified personnel. MCB protection device 10 kA. 30 mA type AC RCD protection device. Rated current 80A. Protection degree IP65. Dimensions 280x220x100 mm.
1x Main MCB 3P+N 80A
1x RCD 3P+N 80A 30 mA
Maximum power output 52.5 kW

Information, dimensions, diagrams and images are provided for informational purposes only and are current as of the date indicated. These elements may be subject to change at any time.

Etim

GROUP EG000023 - Distribution boards

CLASS EC002288 - Small distribution board equipped

Mounting method	Surface mounted	**Degree of protection (IP)**	IP65	**Width in number of modular spacings**	12
Colour	Grey	**Width**	280 mm	**Height**	220 mm
Depth	100 mm	**RAL-number**	7035	**Release characteristic**	C
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	10 kA	**Type of covering**	Door	**Number of rows**	1
Extension possible	Yes	**Housing material**	Plastic	**With socket outlet**	No
Number of phases	3	**Lockable**	Yes	**Overvoltage protection**	No
Protection	Miniature-/earth leakage circuit breaker	**Type of closure**	Cylinder	**Main switch rated current**	80 A
Number of poles main switch	4	**Number of earth leakage switches 30 mA**	1	**Number of earth leakage switches 300 mA**	0
Number of single-phase miniature circuit breakers (MCB)	0	**Number of three-phase miniature circuit breakers (MCB)**	1	**Total number of groups**	1
Number of direct groups	0	**Number of light groups**	0	**Number of groups behind earth leakage switch**	0
Number of earth leakage circuit breakers	1	**Number of arc fault detection devices AFDD**	0	**Protection main switch**	Yes
Protection incoming RCD	Yes	**Protection high integrity**	No	**Protection split load**	No
Protection dual RCD	No	**Number of outgoing ways**	1	**Suitable for data**	No
Cooker group	None	**Cooker group suitable as power current group**	No	**With bell transformer**	No
With meter	No	**With transparent cover**	Yes		

Technical Characteristics

Maximum power that can be delivered	52.5 kW	**Prese_32A_2P+T**	-	**Prese_16A_3P+N+T**	-

Documentation available for download

Single-line diagram



690PL6.pdf

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Barcode



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Unit

1 NR

2.2 [kg]

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