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THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



EC6900831

DISTR. BOARD FOR CONSTRUCTION SITE 2X2P16-1X3P16-1X3P+N32-1X3P+N63

Industrial > Distribution boards > Distribution boards > Series acs - panel system 800 > Energy distributor for construction site > 5 vertical interlocked sockets - power supply with plug

Technical Symbols/Marks/Approvals

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

Norms

EN 61439-1 EN 61439-4

Description

ASC-type distribution board, factory-assembled in series. Manufactured in shock-resistant, two-component technopolymer. IK10 impact resistance rating, suitable for heavy-duty applications. Galvanized steel DIN rail. Double door closure with triangular key included. MCB protection for outlets located in a control panel with a triangular lock, key included. Wall-mounting capability via metal brackets or on a metal stand. Carrying handles integrated into the casing. Open base for cable exit. Operation possible with plugs inserted even when the door is closed. 180° door opening angle. 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. Equipped with EN 60309 vertical interlocked sockets with fuse base. gG 10.3x38 and 15x36 x 63A fuses not supplied. MCB protection device 63-80-100-125A. 30 mA type AC RCD protection device. Emergency stop button with twist-to-reset and shunt trip coil. Wired external earthing terminal. Rated current 100A. Protection degree IP65. Dimensions 870x720x375 mm.
2x2P+E 220V~ 16A IP65
1x3P+E 380V~ 16A IP65
1x3P+N+E 380V~ 32A IP65
1x3P+N+E 380V~ 63A IP65
1x Main MCB 4P 100A 10kA
1x RCD 4P 100A 30 mA
Power supply via 3P+N+E 380V~ 125A IP67 appliance inlet
Maximum power output 63.0 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 EC000484 - Energy distributor for construction site

Rated current	100 A	**Leakage current type**	Other	**Degree of protection (IP)**	IP65
Width	870 mm	**Height**	720 mm	**Depth**	375 mm
Model	Distributor cabinet	**Housing material**	Plastic	**Number of socket outlets with protective contact CEE 7/3 (type F)**	0
Number of socket outlets Swiss standard type 13	0	**Number of socket outlets Swiss standard type 15**	0	**Number of socket outlets Swiss standard type 23**	0
Number of socket outlets Swiss standard type 25	0	**Number of miniature circuit breakers (MCB)**	1	**Rated voltage**	400 V
Connected load	63 kW	**Number of CEE socket outlets (IEC 60309) 16 A / 24 V / 2P (L, N)**	0	**Number of CEE socket outlets (IEC 60309) 16 A / 230 V / 3P (L, N, PE)**	2
Number of CEE socket outlets (IEC 60309) 16 A / 230 V / 5P (1, 2, 3, N, PE)	0	**Number of CEE socket outlets (IEC 60309) 16 A / 400 V / 4P (1, 2, 3, PE)**	1	**Number of CEE socket outlets (IEC 60309) 16 A / 400 V / 5P (1, 2, 3, N, PE)**	0
Number of CEE socket outlets (IEC 60309) 32 A / 230 V / 4P (1, 2, 3, PE)	0	**Number of CEE socket outlets (IEC 60309) 32 A / 400 V / 4P (1, 2, 3, PE)**	0	**Number of CEE socket outlets (IEC 60309) 32 A / 400 V / 5P (1, 2, 3, N, PE)**	1
Number of CEE socket outlets (IEC 60309) 63 A / 230 V / 4P (1, 2, 3, PE)	0	**Number of CEE socket outlets (IEC 60309) 63 A / 400 V / 5P (1, 2, 3, N, PE)**	1	**Number of CEE socket outlets (IEC 60309) 125 A / 230 V / 4P (1, 2, 3, PE)**	0
Number of CEE socket outlets (IEC 60309) 125A / 400 V / 5P (1, 2, 3, N, PE)	0	**Number of meter panels**	0	**Main switch**	Power-cut-out switch
Main switch rated current	100 A	**Number of poles main switch**	4	**Number of earth leakage switches 10 mA**	0
Number of earth leakage switches 30 mA	1	**Number of earth leakage switches 100 mA**	0	**Number of earth leakage switches 300 mA**	0
Emergency stop button	Yes	**Suitable according to IEC/EN 61439-4**	Yes		

Technical Characteristics

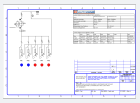
Differential device	4P 100A	**Prese_16A_2P+T**	2	**Prese_32A_2P+T**	-
Prese_16A_3P+N+T	-	**Prese_16A_3P+T**	1	**Schuko/bivalent sockets**	-
shuko bivalent 16A 2P+E	-	**3P+N+E plug**	125A	**prese_32A_3P+T**	-
Prese_32A_3P+N+T	1	**Prese_63A_3P+N+T**	1	**Prese_63A_3P+T**	-

Documentation available for download



Instruction booklet

GUIDA DI RIFERIMENTO QUADRI DA CANTIERE TIPO 69008.pdf



Single-line diagram

6900831-REV.1.pdf

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Barcode



8033954872685

Unit

1 NR

1.025x0.395x0.74 [m]

34 [kg]

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