


# EC690PL7E

## ASSEMBLED DISTR. BOARD FOR LINE PROTECTION 100A 3P+N 30mA 10KA + EM.

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

### Technical Symbols/Marks/Approvals

IP65 | MADE IN ITALY | GWT 650° | CE | 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 100A. Protection degree IP65. Dimensions 280x220x100 mm.
With emergency stop button and shunt trip coil.
1x Main MCB 3P+N 100A
1x RCD 3P+N 100A 30 mA
Maximum power output 65.7 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** | 100 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** | 65.7 kW | **Prese_32A_2P+T** | - | **Prese_16A_3P+N+T** | - |

## Documentation available for download

**Single-line diagram**



690PL7E.pdf



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## Barcode

8053676577699

**Unit**

1 NR

2.2 [kg]



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