



Wall-mounted enclosure EWK complete, IP31, 72 SU, protection class II,  
HxWxD=950x300x225mm

Part no. EWK-G16/31  
Catalog No. 193160

## Delivery program

|                                                  |                                      |                 |                                                                                                                                                                                         |
|--------------------------------------------------|--------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Basic function                                   |                                      |                 | Basic device                                                                                                                                                                            |
| Product function                                 |                                      |                 | Installation distribution boards                                                                                                                                                        |
| Product range                                    |                                      |                 | EWK DBO                                                                                                                                                                                 |
| Design                                           |                                      |                 | Surface mounted                                                                                                                                                                         |
| Installation site                                |                                      |                 | Indoor                                                                                                                                                                                  |
| Type of installation                             |                                      |                 | Surface mounting                                                                                                                                                                        |
| Door/Flap                                        |                                      |                 | White                                                                                                                                                                                   |
| Degree of Protection                             |                                      |                 | IP31                                                                                                                                                                                    |
| Colour                                           |                                      |                 | White                                                                                                                                                                                   |
| Module rack                                      |                                      |                 | Rail-frame                                                                                                                                                                              |
| Shroud for protection against accidental contact |                                      |                 | Plastic                                                                                                                                                                                 |
| Rows                                             | Count                                |                 | 6                                                                                                                                                                                       |
| Module units per row                             |                                      |                 | 12                                                                                                                                                                                      |
| Description                                      |                                      |                 | IP31<br>Protection Class II<br>Steel sheet enclosure white (RAL 9016)                                                                                                                   |
| Cable entries                                    |                                      |                 | Cable entries on top and bottom, back plate                                                                                                                                             |
| PE and N terminals design                        |                                      |                 | Plug-in terminals                                                                                                                                                                       |
| PE and N terminals                               | Number<br>x cross-<br>sectional area | mm <sup>2</sup> | PE: 6 x (1.5 - 16)<br>N: 21 x (0.75 - 4)                                                                                                                                                |
| Equipment supplied                               |                                      |                 | Enclosure<br>Installation panel for modular installation devices<br>Neutral-/protective conductor terminal<br>Locking screws can be sealed<br>Two-component membrane gland plate insert |

## Technical data

### General

|                                                                                       |                |      |                        |
|---------------------------------------------------------------------------------------|----------------|------|------------------------|
| Standards                                                                             |                |      | IEC/EN 62208           |
| RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council) |                |      | conform                |
| Ambient temperature                                                                   |                | °C   | -5 - +40               |
| Degree of Protection                                                                  |                |      | IP31                   |
| Protection class                                                                      |                |      | II (totally insulated) |
| Rated operational voltage                                                             | U <sub>e</sub> | V AC | 400                    |
| Rated frequency                                                                       | f              | Hz   | 50                     |

### Material characteristics

|          |  |  |                            |
|----------|--|--|----------------------------|
| Material |  |  | Sheet steel, powder-coated |
| Colour   |  |  | white (RAL 9016)           |

### Material properties

|                   |  |  |      |
|-------------------|--|--|------|
| Mechanical        |  |  |      |
| Impact resistance |  |  | IK08 |

## Technical data ETIM 7.0

|                                                                                                                                                                                                                                     |  |    |                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|---------------------------|
| Distribution boards (EG000023) / Small distribution board (EC000214)                                                                                                                                                                |  |    |                           |
| Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecI@ss10.0.1-27-14-24-09 [ACN387011]) |  |    |                           |
| Mounting method                                                                                                                                                                                                                     |  |    | Surface mounted (plaster) |
| Number of rows                                                                                                                                                                                                                      |  |    | 6                         |
| Width in number of modular spacings                                                                                                                                                                                                 |  |    | 12                        |
| Type of cover                                                                                                                                                                                                                       |  |    | Door                      |
| Cover model                                                                                                                                                                                                                         |  |    | Closed                    |
| Transparent cover/door                                                                                                                                                                                                              |  |    | No                        |
| Material housing                                                                                                                                                                                                                    |  |    | Steel                     |
| Height                                                                                                                                                                                                                              |  | mm | 950                       |
| Width                                                                                                                                                                                                                               |  | mm | 300                       |
| Depth                                                                                                                                                                                                                               |  | mm | 225                       |
| Built-in depth                                                                                                                                                                                                                      |  | mm | 225                       |
| Internal depth                                                                                                                                                                                                                      |  | mm | 128                       |
| DIN-rail                                                                                                                                                                                                                            |  |    | Yes                       |
| With mounting plate                                                                                                                                                                                                                 |  |    | No                        |
| Extension possible                                                                                                                                                                                                                  |  |    | Yes                       |
| EMC-version                                                                                                                                                                                                                         |  |    | Yes                       |
| Colour                                                                                                                                                                                                                              |  |    | White                     |
| RAL-number                                                                                                                                                                                                                          |  |    | 9016                      |
| Degree of protection (IP)                                                                                                                                                                                                           |  |    | IP31                      |
| With lock                                                                                                                                                                                                                           |  |    | No                        |
| Type of closure                                                                                                                                                                                                                     |  |    | Other                     |