

## PRODUCT-DETAILS

# U53K

## U53K Dist. Board FM 5R. IP31



### General Information

|                       |                              |
|-----------------------|------------------------------|
| Extended Product Type | U53K                         |
| Product ID            | 2CPX030108R9999              |
| EAN                   | 4011617301080                |
| Catalog Description   | U53K Dist. Board FM 5R. IP31 |

#### Long Description

compact distribution boards, series U, partly assembled cabinet, for the internal use, with closed doorframe and door, class of protection II (double insulated), in combination with earthing set (accessory) we can achieve protection class 1, degree of protection IP31, applicable standards: EN 61439-1, EN 61439-3, Rated operational voltage 400V AC 50/60 Hz, rated current 125 A, powder-coated, in RAL 9016, enclosure out of sheet steel, metal door, door out of sheet steel, in RAL 9016, with Standard closure, door opening angle 130 degree, door hinge right and left, cable entry on top via nipple flange included, on bottom via flange opening pre-punched, dimensions in mm (H x W x D): 834 x 810 x 120, Shutter frame dimensions in mm (H x W x D): 844 x 854 x 27, Grid unit 5 GU, panel width 3, 5-rows, Space units 108, Row distance in mm: 125, covers out of Plastic, 90 degree press and turn closure, RAL 7035, without N/PE without terminal, cable fastening rail integrated, Assembled with distribution module + terminals, device support removable

### Ordering

|                        |               |
|------------------------|---------------|
| E-Number (Sweden)      | 2200404       |
| EAN                    | 4011617301080 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85381000      |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 810 mm  |
| Product Net Height         | 834 mm  |
| Product Net Depth / Length | 120 mm  |
| Product Net Weight         | 25.8 kg |

## Container Information

|                                |                       |
|--------------------------------|-----------------------|
| Package Level 1 Units          | pack 1 piece          |
| Package Level 1 Width          | 880.000 mm            |
| Package Level 1 Height         | 870.000 mm            |
| Package Level 1 Depth / Length | 165.000 mm            |
| Package Level 1 Gross Weight   | 26.832 kg             |
| Package Level 1 EAN            | 4011617301080         |
| Package Level 2 Units          | pallet (lift) 7 piece |
| Package Level 2 Width          | 890.000 mm            |
| Package Level 2 Height         | 1340.000 mm           |
| Package Level 2 Depth / Length | 1200.000 mm           |
| Package Level 2 Gross Weight   | 201 kg                |

## Additional Information

|                      |                                                                                |
|----------------------|--------------------------------------------------------------------------------|
| Color                | traffic white                                                                  |
| Configuration Type   | Assembled with distribution module + terminals                                 |
| Cover Plate Type     | Door                                                                           |
| Degree of Protection | IP31                                                                           |
| Design               | Wall cabinet flush-mount                                                       |
| DIN Place Units      | 108                                                                            |
| Enclosure Type       | compact distribution boards                                                    |
| Field Width          | 3                                                                              |
| Housing Material     | Steel                                                                          |
| Interior Depth       | 120 mm                                                                         |
| Meter Boards         | 0                                                                              |
| Mounting Position    | Wall cabinet flush-mount                                                       |
| Mounting Type        | Flush-mounted                                                                  |
| Niche Depth          | 120 mm                                                                         |
| Niche Height         | 850 mm                                                                         |
| Niche Width          | 825 mm                                                                         |
| Number of Rows       | 5                                                                              |
| Operational Voltage  | 400 V                                                                          |
| Power Loss           | $\Delta t = 20K$ 65.6 W<br>$\Delta t = 25K$ 86.5 W<br>$\Delta t = 30K$ 108.5 W |

|                           |                              |
|---------------------------|------------------------------|
| Product Main Type         | U                            |
| Product Name              | U53K Dist. Board FM 5R. IP31 |
| Protection Class          | Isolated                     |
| Rated Current ( $I_n$ )   | 125 A                        |
| Rated Operational Voltage | Maximum 400 V                |
| Spacing                   | 125 mm                       |
| Standards                 | DIN EN 61439-3               |
| Terminal Type             | No Terminals                 |

## Certificates and Declarations (Document Number)

|                                   |                                                                                             |
|-----------------------------------|---------------------------------------------------------------------------------------------|
| Data Sheet, Technical Information | 2CPC000001C0101<br>2CPC000002C0101<br>2CPC000031C0101<br>2CPC000187C0101<br>2CPC000188C0101 |
| Declaration of Conformity - CE    | No declaration needed                                                                       |
| Environmental Information         | 2CPC100001X0201                                                                             |
| Instructions and Manuals          | 2CPC100502M5601                                                                             |

## Classifications

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| ETIM 4                     | EC000214 - Small distribution board                         |
| ETIM 5                     | EC000214 - Small distribution board                         |
| ETIM 6                     | EC000214 - Small distribution board                         |
| ETIM 7                     | EC000214 - Small distribution board                         |
| Object Classification Code | U                                                           |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |

## Categories

Low Voltage Products and Systems → Enclosures → Sub Distribution Boards → Compact Distribution Boards - Modules Assembled

