

## PRODUCT-DETAILS

# CA24VM

## CA24VM Compact distribution board



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CA24VM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product ID            | 2CPX052206R9999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EAN                   | 4011617522065                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Catalog Description   | CA24VM Compact distribution board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Long Description      | Compact distribution board, partly assembled cabinet, for the internal use, with 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, single-leaf door, door out of sheet steel, in RAL 9016, with Standard closure, door opening angle 120 degree, door hinge right or left, cable entry on top via membrane flange mounted, on bottom via flange opening pre-punched, dimensions in mm (H x W x D): 650 x 550 x 160, Grid unit 4 GU, panel width 2, 4-rows, Space units 48, Row distance in mm: 125, covers out of Plastic, 90 degree press and turn closure, RAL 7035, with N/PE Quick-terminal, cable fastening rail integrated, Assembled with distribution module + multimedia module, device support removable |

### Technical

|                           |                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------|
| Standards                 | DIN EN 61439-3                                                                          |
| Product Name              | Compact distribution board                                                              |
| Rated Operational Voltage | Maximum 400 V                                                                           |
| Operational Voltage       | 400 V                                                                                   |
| Rated Current ( $I_n$ )   | 125 A                                                                                   |
| Power Loss                | $\Delta t = 20K \ 52 \ W$<br>$\Delta t = 25K \ 68.7 \ W$<br>$\Delta t = 30K \ 86.1 \ W$ |
| Number of Rows            | 4                                                                                       |

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| Closure Type       | Turn Handle                                            |
| Configuration Type | Assembled with distribution module + multimedia module |
| Cover Plate Type   | Door                                                   |
| Enclosure Type     | compact distribution boards                            |
| Mounting Type      | Surface-mounted                                        |
| Door Type          | Single                                                 |
| Housing Material   | Steel                                                  |
| Cover Style        | Closed                                                 |
| DIN Place Units    | 48                                                     |
| RAL Number         | RAL 9016 - Traffic White                               |
| Color              | Traffic white                                          |
| Terminal Type      | Quick-Terminal                                         |

## Environmental

|                      |          |
|----------------------|----------|
| Degree of Protection | IP31     |
| Protection Class     | Isolated |

## Dimensions

|                                     |           |
|-------------------------------------|-----------|
| Width in Number of Modular Spacings | 24        |
| Product Net Width                   | 550 mm    |
| Product Net Height                  | 650 mm    |
| Product Net Depth / Length          | 160 mm    |
| Product Net Weight                  | 13.637 kg |
| Built-In Depth (t <sub>2</sub> )    | 0 mm      |

## Container Information

|                                |                        |
|--------------------------------|------------------------|
| Package Level 1 Units          | pack 1 piece           |
| Package Level 1 Width          | 556.000 mm             |
| Package Level 1 Height         | 652.000 mm             |
| Package Level 1 Depth / Length | 165.000 mm             |
| Package Level 1 Gross Weight   | 14.182 kg              |
| Package Level 1 EAN            | 4011617522065          |
| Package Level 2 Units          | pallet (lift) 20 piece |
| Package Level 2 Width          | 800.000 mm             |
| Package Level 2 Height         | 1800.000 mm            |
| Package Level 2 Depth / Length | 1200.000 mm            |
| Package Level 2 Gross Weight   | 292.74 kg              |

## Ordering

|                        |              |
|------------------------|--------------|
| Minimum Order Quantity | 1 piece      |
| Customs Tariff Number  | 85381000     |
| E-Number (Sweden)      | 2300380      |
| Country of Origin      | Germany (DE) |

Selling Unit of Measure

piece

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 9AKK107680A4771 |
| Instructions and Manuals          | 2CPC133150M5601 |

## Popular Downloads

|                                      |                                                                          |
|--------------------------------------|--------------------------------------------------------------------------|
| Data Sheet, Technical<br>Information | 2CPC000001C0101<br>2CPC000002C0101<br>2CPC000003B0101<br>2CPC000377C0101 |
| Instructions and Manuals             | 2CPC133150M5601                                                          |

## Classifications

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| ETIM 6                     | EC000214 - Small distribution board                         |
| ETIM 7                     | EC000214 - Small distribution board                         |
| ETIM 8                     | EC000214 - Small distribution board                         |
| EPLAN Catalog Tree         | Mechanics / Housings / General                              |
| WEEE Category              | 4. Large Equipment (Any External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Consumer                                        |
| CN8                        | 85381000                                                    |
| Object Classification Code | U                                                           |

## Accessories

| Identifier      | Description                      | Type   | Quantity | Unit Of<br>Measure |
|-----------------|----------------------------------|--------|----------|--------------------|
| 2CPX010487R9999 | TZ503 Enclosure accessories      | TZ503  | 1        | piece              |
| 2CPX010488R9999 | TZ504 Enclosure accessories      | TZ504  | 1        | piece              |
| 2CPX010489R9999 | TZ505 Enclosure accessories      | TZ505  | 1        | piece              |
| 2CPX010490R9999 | TZ506 Enclosure accessories      | TZ506  | 1        | piece              |
| 2CPX010491R9999 | TZ507 Enclosure accessories      | TZ507  | 1        | piece              |
| 2CPX010492R9999 | TZ508 Enclosure accessories      | TZ508  | 1        | piece              |
| 2CPX052412R9999 | CZT2 Accessory door              | CZT2   | 1        | piece              |
| 2CPX052417R9999 | CZT24H Enclosure accessories     | CZT24H | 1        | piece              |
| 2CPX052437R9999 | CZF3 Flange                      | CZF3   | 1        | piece              |
| 2CPX052438R9999 | CZF4 Flange                      | CZF4   | 1        | piece              |
| 2CPX052449R9999 | CZL61 Enclosure accessories      | CZL61  | 1        | piece              |
| 2CPX052459R9999 | CZ1P4 Accessory cabinet assembly | CZ1P4  | 1        | piece              |
| 2CPX052460R9999 | CZ2 Accessory cabinet connection | CZ2    | 1        | piece              |
| 2CPX052462R9999 | CZ4 Accessory cabinet connection | CZ4    | 1        | piece              |
| 2CPX052488R9999 | CZT5 Accessory door              | CZT5   | 1        | piece              |
| 2CPX052556R9999 | CZ9P16 Interior fitting system   | CZ9P16 | 1        | piece              |

## Categories

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

