

## PRODUCT-DETAILS

# TW108SB

## TW108SB Wall-mounting cabinet



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | TW108SB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product ID            | 2CPX010417R9999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EAN                   | 4011617104179                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Catalog Description   | TW108SB Wall-mounting cabinet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Long Description      | <p>Wall-mounting cabinet, series TwinLine, empty cabinet, for the internal use, without door, class of protection II (double insulated), degree of protection IP30, applicable standards: EN 61439-1, EN 61439-2, EN 61439-3, IK code 08, powder-coated, in RAL 7035, enclosure out of sheet steel, without door, rear wall out of sheet steel, cable entry on top via flange opening pre-cut, on bottom via flange opening pre-punched, on side via flange opening pre-punched, dimensions in mm (H x W x D): 1250 x 300 x 350, Grid unit 8 GU, Overall height 4, panel width 1, Space units 96, pre-assembled for installation of metering-, modules, Combi-Sets, CombiLine-Modul or mounting plate on EDF-/WR-mounting frame</p> |

### Technical

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Standards                 | DIN EN 61439-3<br>DIN EN 61439-2                                            |
| Product Name              | Wall-mounting cabinet                                                       |
| Power Loss                | $\Delta t = 20K$ 52 W<br>$\Delta t = 25K$ 68.6 W<br>$\Delta t = 30K$ 86.1 W |
| Number of Flange Openings | 1                                                                           |
| Number of Conduit Inlets  | 52                                                                          |

|                          |                                                                                                                               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Number of Rows           | 8                                                                                                                             |
| ABB Product Family       | TwinLine N 55                                                                                                                 |
| Configuration Type       | pre-assembled for installation of metering-, modules, Combi-Sets, CombiLine-Modul or mounting plate on EDF-/WR-mounting frame |
| Cover Plate Type         | None                                                                                                                          |
| Enclosure Type           | Wall-mounting cabinet                                                                                                         |
| Enclosure Type of Height | 4                                                                                                                             |
| Mounting Type            | Surface-mounted                                                                                                               |
| Door Type                | Without Door                                                                                                                  |
| Surface Finishing        | powder-coated                                                                                                                 |
| Housing Material         | Steel plate/plastic                                                                                                           |
| Cover Style              | with Notch                                                                                                                    |
| DIN Place Units          | 96                                                                                                                            |
| RAL Number               | RAL 7035 - Light Grey                                                                                                         |
| Color                    | Light grey                                                                                                                    |
| Thickness                | Cabinet plate 1 mm<br>Door plate 1.5 mm                                                                                       |

## Environmental

|                           |                 |
|---------------------------|-----------------|
| Degree of Protection      | IP30            |
| Protection Class          | Isolated        |
| Environmental Information | 2CPC100001X0201 |

## Dimensions

|                                     |           |
|-------------------------------------|-----------|
| Width in Number of Modular Spacings | 12        |
| Product Net Width                   | 300 mm    |
| Product Net Height                  | 1250 mm   |
| Product Net Depth / Length          | 350 mm    |
| Product Net Weight                  | 17.462 kg |
| Built-In Depth (t <sub>2</sub> )    | 299 mm    |

## Container Information

|                                |                       |
|--------------------------------|-----------------------|
| Package Level 1 Units          | pack 1 piece          |
| Package Level 1 Width          | 360.000 mm            |
| Package Level 1 Height         | 1260.000 mm           |
| Package Level 1 Depth / Length | 400.000 mm            |
| Package Level 1 Gross Weight   | 18.174 kg             |
| Package Level 1 EAN            | 4011617104179         |
| Package Level 2 Units          | pallet (lift) 6 piece |
| Package Level 2 Width          | 800.000 mm            |
| Package Level 2 Height         | 1434.000 mm           |
| Package Level 2 Depth /        | 1200.000 mm           |

## Length

|                              |           |
|------------------------------|-----------|
| Package Level 2 Gross Weight | 124.85 kg |
|------------------------------|-----------|

---

**Ordering**

|                         |              |
|-------------------------|--------------|
| Minimum Order Quantity  | 1 piece      |
| Customs Tariff Number   | 85381000     |
| Country of Origin       | Germany (DE) |
| Selling Unit of Measure | piece        |

---

**Certificates and Declarations (Document Number)**

|                                   |                                    |
|-----------------------------------|------------------------------------|
| Declaration of Conformity<br>- CE | 9AKK107992A4839                    |
| Environmental Information         | 2CPC100001X0201                    |
| Instructions and Manuals          | 2CPC016708M5601<br>2CPC119660M5601 |

---

**Popular Downloads**

|                                      |                                                       |
|--------------------------------------|-------------------------------------------------------|
| Data Sheet, Technical<br>Information | 2CPC000001C0101<br>2CPC000002C0101<br>2CPC000003B0101 |
| Instructions and Manuals             | 2CPC016708M5601<br>2CPC119660M5601                    |

---

**Classifications**

|                            |                                |
|----------------------------|--------------------------------|
| ETIM 6                     | EC000058 - Empty cabinet       |
| ETIM 7                     | EC000058 - Empty cabinet       |
| ETIM 8                     | EC000058 - Empty cabinet       |
| EPLAN Catalog Tree         | Mechanics / Housings / General |
| WEEE Category              | Product Not in WEEE Scope      |
| CN8                        | 85381000                       |
| Object Classification Code | U                              |

---

**Accessories**

| Identifier      | Description                        | Type   | Quantity | Unit Of Measure |
|-----------------|------------------------------------|--------|----------|-----------------|
| 2CPX010450R9999 | TZ101 Flange                       | TZ101  | 1        | piece           |
| 2CPX010452R9999 | TZ102 Flange                       | TZ102  | 1        | piece           |
| 2CPX010454R9999 | TZ103 Flange                       | TZ103  | 1        | piece           |
| 2CPX010456R9999 | TZ104 Flange                       | TZ104  | 1        | piece           |
| 2CPX010457R9999 | TZ105 Flange                       | TZ105  | 1        | piece           |
| 2CPX010458R9999 | TZ106 Flange                       | TZ106  | 1        | piece           |
| 2CPX010460R9999 | TZ107 Flange                       | TZ107  | 1        | piece           |
| 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           |
| 2CPX010494R9999 | TZ510 Enclosure accessories        | TZ510  | 1        | piece           |
| 2CPX010503R9999 | TZ608 Accessory cabinet connection | TZ608  | 1        | piece           |
| 2CPX010504R9999 | TZ609 Accessory cabinet connection | TZ609  | 1        | piece           |
| 2CPX010505R9999 | TZ610 Enclosure accessories        | TZ610  | 1        | piece           |
| 2CPX010532R9999 | TZB108 Door                        | TZB108 | 1        | piece           |
| 2CPX010850R9999 | TZ110 Flange                       | TZ110  | 1        | piece           |
| 2CPX010851R9999 | TZ111 Flange                       | TZ111  | 1        | piece           |
| 2CPX010852R9999 | TZ112 Flange                       | TZ112  | 1        | piece           |
| 2CPX038001R9999 | ZL8 Enclosure accessories          | ZL8    | 1        | piece           |
| 2CPX038227R9999 | ZA6 Enclosure accessories          | ZA6    | 1        | piece           |
| 2CPX038228R9999 | ZA5 Enclosure accessories          | ZA5    | 1        | piece           |
| 2CPX038233R9999 | ZA13 Enclosure accessories         | ZA13   | 1        | piece           |

## Categories

Low Voltage Products and Systems → Enclosures → Sub Distribution Boards → Sub Distribution Boards → TwinLine N 55 - Welded

