PRODUCT-DETAILS

# TG305G

## Wall-mounting cabinet, Rows: 5, 800 mm x 800 mm x 225 mm, Grounded (Class I), IP55



### General Information

| | |
|---|---|
| Extended Product Type | TG305G |
| Product ID | 2CPX010007R9999 |
| EAN | 4011617100072 |
| Catalog Description | Wall-mounting cabinet, Rows: 5, 800 mm x 800 mm x 225 mm, Grounded (Class I), IP55 |
| Long Description | Wall-mounting cabinet, series TwinLine, empty cabinet, Expansion option: Lateral and bottom, for the internal use, with Door, class of protection I (earthed), degree of protection IP55, applicable standards: EN 61439-1, EN 61439-2, EN 61439-3, Impact strength IK08, Powder-coated, in RAL 7035, enclosure out of sheet steel, single-leaf door, door out of sheet steel, with Standard locking mechanism double bit, door opening angle 180 degree, door hinge right or left, 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): 800 x 800 x 225, Grid unit 5 GU, Overall height 1, panel width 3, Space units 180, pre-assembled for installation of metering-, modules, Combi-Sets, CombiLine-Module, mounting plates on EDF-/WR-mounting frame |

### Technical

| | |
|---|---|
| Standards | DIN EN 61439-3<br>DIN EN 61439-2 |

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|---|---|
| Power Loss | Δt = 20K 71 W<br>Δt = 25K 93.8 W<br>Δt = 30K 117.6 W |
| Number of Flange Openings | 3 |
| Number of Conduit Inlets | 156 |
| Number of Rows | 5 |
| Configuration Type | pre-assembled for installation of metering-, modules, Combi-Sets, CombiLine-Module, mounting plates on EDF-/WR-mounting frame |
| Cover Plate Type | None |
| Enclosure Type | Wall-mounting cabinet |
| Enclosure Type of Height | 1 |
| Mounting Type | Surface mounting |
| Door Type | Single |
| Surface Finishing | Powder-coated |
| Housing Material | Steel plate/plastic |
| Cover Style | with Notch |
| DIN Place Units | 180 |
| RAL Number | RAL 7035 - Light Grey |
| Color | Light grey |

## Material Compliance

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|---|---|
| RoHS Information | 2CPC100021X0201 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date | 20240903 |
| REACH Declaration | 2CPC100005X0201 |
| REACH Information | True - contains substances > 0.1 mass percentage |
| REACH Date | 20240902 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |
| SCIP | a9384434-706f-4938-bb0f-956739599fbf Germany (DE) |

## Environmental

| | |
|---|---|
| Degree of Protection | IP55 |
| Protection Class | Grounded (Class I) |

## Dimensions

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|---|---|
| Width in Number of Modular Spacings | 36 |
| Product Net Width | 800 mm |
| Product Net Height | 800 mm |
| Product Net Depth / Length | 225 mm |
| Section Width | 3 |
| Product Net Weight | 24.276 kg |
| Built-In Depth ($t_2$) | 170 mm |
| Thickness | Cabinet Plate 1 mm<br>Door Plate 1.5 mm |
| Dimension Diagram | 2CPC000022D0201 |

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## Ordering

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|---|---|
| Package Level 1 Units | pack 1 piece |
| Package Level 1 Gross Weight | 25.261 kg |
| E-Number (Norway) | 2407872 |

## Certificates and Declarations

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|---|---|
| Declaration of Conformity - CE | 2CPC100021X0201 |

## Installation

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|---|---|
| Instructions and Manuals | 2CPC016708M5601<br>2CPC119660M5601 |

## Popular Downloads

| | |
|---|---|
| Data Sheet, Technical Information | 2CPC000001C0101<br>2CPC000002C0101 |
| Building Information Modeling – BIM | 9AKK107046A8223 |

## Classifications

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|---|---|
| ETIM 8 | EC000058 - Empty cabinet |
| ETIM 9 | EC000058 - Empty cabinet |
| WEEE Category | Product Not in WEEE Scope |
| CN8 | 85381000 |
| eClass | V11.0 : 27142408 |
| Object Classification Code | U |

## Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|---|---|---|---|---|
| 2CPX010450R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ101 | 1 | piece |
| 2CPX010452R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ102 | 1 | piece |
| 2CPX010454R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ103 | 1 | piece |
| 2CPX010456R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ104 | 1 | piece |
| 2CPX010457R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ105 | 1 | piece |
| 2CPX010458R9999 | Flange, 147 mm x 223 mm x 15 mm | TZ106 | 1 | piece |
| 2CPX010460R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ107 | 1 | piece |
| 2CPX010850R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ110 | 1 | piece |
| 2CPX010851R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ111 | 1 | piece |
| 2CPX010852R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ112 | 1 | piece |
| 2CPX010487R9999 | Enclosure accessories, 70 mm x 100 mm x 180 mm | TZ503 | 1 | piece |
| 2CPX010488R9999 | Enclosure accessories, 70 mm x 100 mm x 180 mm | TZ504 | 1 | piece |

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| 2CPX010489R9999 | Enclosure accessories, 70 mm x 100 mm x 180 mm | TZ505 | 1 | piece |
| 2CPX010490R9999 | Enclosure accessories, 70 mm x 100 mm x 180 mm | TZ506 | 1 | piece |
| 2CPX010494R9999 | Enclosure accessories, 160 mm x 35 mm x 45 mm | TZ510 | 1 | piece |
| 2CPX010503R9999 | Cabinet connection, 25 mm x 150 mm x 240 mm | TZ608 | 1 | piece |
| 2CPX010673R9999 | Enclosure accessories, 500 mm x 100 mm x 30 mm | TZ618 | 1 | piece |
| 2CPX010674R9999 | Enclosure accessories, 800 mm x 100 mm x 30 mm | TZ619 | 1 | piece |
| 2CPX010778R9999 | Cabinet connection, 55 mm x 160 mm x 260 mm | TZ626 | 1 | piece |
| 2CPX010640R9999 | Touch guard, 750 mm x 750 mm x 30 mm | TZP305 | 1 | piece |
| 2CPX010723R9999 | Touch guard, 750 mm x 750 mm x 30 mm | TZP305A | 1 | piece |
| 2CPX038233R9999 | Enclosure accessories, 297 mm x 148 mm x 3 mm | ZA13 | 1 | piece |
| 2CPX038228R9999 | Enclosure accessories, 210 mm x 148 mm x 3 mm | ZA5 | 1 | piece |
| 2CPX038227R9999 | Enclosure accessories, 297 mm x 210 mm x 3 mm | ZA6 | 1 | piece |
| 2CPX038001R9999 | Enclosure accessories, 15 mm x 400 mm x 15 mm | ZL8 | 1 | piece |
| 2CPX010799R9999 | Enclosure accessories, 30 mm x 20 mm x 100 mm | TZ616A | 1 | piece |
| 2CPX010999R9999 | Enclosure accessories, 30 mm x 20 mm x 100 mm | TZ634A | 1 | piece |
| 2CPX011000R9999 | Enclosure accessories, 30 mm x 20 mm x 100 mm | TZ634 | 1 | piece |
| 2CPX038471R9999 | Enclosure accessories, 305 mm x 315 mm x 14 mm | ZA123 | 1 | piece |
| 2CPX038472R9999 | Enclosure accessories, 235 mm x 222 mm x 14 mm | ZA125 | 1 | piece |
| 2CPX062381R9999 | Enclosure accessories, 297 mm x 210 mm x 3 mm | ZA13P10 | 1 | piece |
| 2CPX062382R9999 | Enclosure accessories, 210 mm x 148 mm x 3 mm | ZA5P10 | 1 | piece |
| 2CPX062375R9999 | Enclosure accessories, 297 mm x 210 mm x 3 mm | ZA61P10 | 1 | piece |
| 2CPX062380R9999 | Enclosure accessories, 297 mm x 210 mm x 3 mm | ZA6P10 | 1 | piece |
| 2CPX060490R9999 | Enclosure accessories, 30 mm x 30 mm x 30 mm | ZH130 | 1 | piece |
| 2CPX060491R9999 | Enclosure accessories, 16 mm x 16 mm x 18 mm | ZH131 | 1 | piece |
| 2CPX060492R9999 | Enclosure accessories, 25 mm x 25 mm x 35 mm | ZH132 | 1 | piece |
| 2CPX060493R9999 | Enclosure accessories, 25 mm x 25 mm x 45 mm | ZH133 | 1 | piece |
| 2CPX060494R9999 | Enclosure accessories, 15 mm x 15 mm x 20 mm | ZH134 | 1 | piece |
| 2CPX060495R9999 | Enclosure accessories, 15 mm x 15 mm x 25 mm | ZH135 | 1 | piece |
| 2CPX060496R9999 | Enclosure accessories, 15 mm x 15 mm x 20 mm | ZH136 | 1 | piece |
| 2CPX060497R9999 | Enclosure accessories, 20 mm x 20 mm x 30 mm | ZH137 | 1 | piece |
| 2CPX060502R9999 | Enclosure accessories, 15 mm x 30 mm x 35 mm | ZH142 | 1 | piece |
| 2CPX060657R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH157 | 1 | piece |

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| 2CPX060658R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH158 | 1 | piece |
| 2CPX060660R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH160 | 1 | piece |
| 2CPX060661R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH161 | 1 | piece |
| 2CPX060662R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH162 | 1 | piece |
| 2CPX060663R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH163 | 1 | piece |
| 2CPX060664R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH164 | 1 | piece |
| 2CPX060665R9999 | Enclosure accessories, 50 mm x 80 mm x 15 mm | ZH165 | 1 | piece |
| 2CPX066091R9999 | Enclosure accessories, 75 mm x 75 mm x 15 mm | ZH91 | 1 | piece |
| 2CPX010451R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ101P10 | 1 | piece |
| 2CPX010826R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ101P100 | 1 | piece |
| 2CPX010453R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ102P10 | 1 | piece |
| 2CPX010455R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ103P10 | 1 | piece |
| 2CPX010932R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ104P10 | 1 | piece |
| 2CPX010933R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ105P10 | 1 | piece |
| 2CPX010459R9999 | Flange, 147 mm x 223 mm x 15 mm | TZ106P10 | 1 | piece |
| 2CPX010461R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ107P10 | 1 | piece |
| 2CPX010934R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ110P10 | 1 | piece |
| 2CPX010935R9999 | Flange, 147 mm x 223 mm x 20 mm | TZ111P10 | 1 | piece |
| 2CPX046613R9999 | Flange, 75 mm x 75 mm x 68 mm | RZF10 | 1 | piece |
| 2CPX046612R9999 | Flange, 58 mm x 58 mm x 54 mm | RZF9 | 1 | piece |
| 2CPX010782R9999 | Enclosure accessories, 30 mm x 65 mm x 45 mm | TZ604 | 1 | piece |
| 2CPX010790R9999 | Enclosure accessories, 30 mm x 65 mm x 45 mm | TZ604A | 1 | piece |
| 2CPX010820R9999 | Enclosure accessories, 30 mm x 65 mm x 45 mm | TZ604P10 | 1 | piece |
| 2CPX010821R9999 | Enclosure accessories, 30 mm x 65 mm x 45 mm | TZ604P100 | 1 | piece |
| 2CPX010783R9999 | Enclosure accessories, 30 mm x 40 mm x 45 mm | TZ605 | 1 | piece |
| 2CPX010791R9999 | Enclosure accessories, 30 mm x 40 mm x 45 mm | TZ605A | 1 | piece |
| 2CPX010822R9999 | Enclosure accessories, 30 mm x 40 mm x 45 mm | TZ605P10 | 1 | piece |
| 2CPX010823R9999 | Enclosure accessories, 30 mm x 40 mm x 45 mm | TZ605P100 | 1 | piece |
| 2CPX010784R9999 | Enclosure accessories, 20 mm x 80 mm x 20 mm | TZ606 | 1 | piece |
| 2CPX010792R9999 | Enclosure accessories, 20 mm x 80 mm x 20 mm | TZ606A | 1 | piece |
| 2CPX010824R9999 | Enclosure accessories, 30 mm x 80 mm x 20 mm | TZ606P10 | 1 | piece |
| 2CPX010825R9999 | Enclosure accessories, 30 mm x 80 mm x 20 mm | TZ606P100 | 1 | piece |
| 2CPX010972R9999 | Enclosure accessories, 28 mm x 30 mm x 350 mm, Isolated (Class II), IP20 | TZ650 | 1 | piece |
| 2CPX010779R9999 | Enclosure accessories, 18 mm x 22 mm x 24 mm | TZ601 | 1 | piece |
| 2CPX010787R9999 | Enclosure accessories, 18 mm x 22 mm x 24 mm | TZ601A | 1 | piece |
| 2CPX010814R9999 | Enclosure accessories, 18 mm x 22 mm x 24 mm | TZ601P10 | 1 | piece |

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| 2CPX010815R9999 | Enclosure accessories, 18 mm x 22 mm x 24 mm | TZ601P100 | 1 | piece |
| 2CPX010606R9999 | Mounting plate, 750 mm x 746 mm x 2 mm | TZM305 | 1 | piece |
| 2CPX010757R9999 | Mounting plate, 750 mm x 746 mm x 2 mm | TZM305A | 1 | piece |
| 2CPX010800R9999 | Enclosure accessories, 500 mm x 100 mm x 30 mm | TZ618A | 1 | piece |
| 2CPX010801R9999 | Enclosure accessories, 800 mm x 100 mm x 30 mm | TZ619A | 1 | piece |
| 2CPX062335R9999 | Interior fitting system, 33 mm x 38 mm x 16 mm | ED44P10 | 1 | piece |
| 2CPX062703R9999 | Interior fitting system, 33 mm x 38 mm x 16 mm | ED44P1000 | 1 | piece |
| 2CPX062308R9999 | Interior fitting system, 33 mm x 38 mm x 16 mm | ED44P50 | 1 | piece |
| 2CPX062336R9999 | Interior fitting system, 55 mm x 47 mm x 16 mm | ED45P10 | 1 | piece |
| 2CPX062704R9999 | Interior fitting system, 55 mm x 47 mm x 16 mm | ED45P1000 | 1 | piece |
| 2CPX062310R9999 | Interior fitting system, 55 mm x 47 mm x 16 mm | ED45P50 | 1 | piece |
| 2CPX062384R9999 | Enclosure accessories, 55 mm x 215 mm | ZA1P5 | 1 | piece |
| 2CPX062378R9999 | Enclosure accessories, 55 mm x 215 mm | ZA1P50 | 1 | piece |

## Categories

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





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