

PRODUCT-DETAILS

# TG412S

TG412S Floor-standing cabinet, Field width: 4,  
Rows: 12, 1850 mm x 1050 mm x 225 mm,  
Isolated, IP55



## General Information

Extended Product Type	TG412S
Product ID	2CPX010068R9999
EAN	4011617100683
Catalog Description	TG412S Floor-standing cabinet, Field width: 4, Rows: 12, 1850 mm x 1050 mm x 225 mm, Isolated, IP55
Long Description	Floor-standing cabinet, series TwinLine, empty cabinet, Expansion option: Lateral and bottom, for the internal use, with Door, class of protection II (double insulated), degree of protection IP55, applicable standards: EN 61439-1, EN 61439-2, EN 61439-3, IK code 8, Powder-coated, in RAL 7035, enclosure out of sheet steel, double door, door out of sheet steel, with Standard locking mechanism double bit, door opening angle 180 degree, door hinge right and 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): 1850 x 1050 x 225, Grid unit 12 GU, Overall height 8, panel width 4, Space units 576, pre-assembled for installation of metering-, modules, Combi-Sets, CombiLine-Modul or mounting plate on EDF-/WR-mounting frame

## Technical

Standards	DIN EN 61439-3 DIN EN 61439-2
Power Loss	$\Delta t = 20K$ 202.1 W $\Delta t = 25K$ 266.7 W $\Delta t = 30K$ 334.6 W
Number of Flange Openings	4
Number of Conduit Inlets	208
Number of Rows	12

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	floor-standing cabinet
Enclosure Type of Height	8
Mounting Type	Surface-mounted
Door Type	Double
Surface Finishing	Powder-coated
Housing Material	Steel plate/plastic
Cover Style	with Notch
DIN Place Units	576
RAL Number	RAL 7035 - Light Grey
Color	Light grey
Thickness	Cabinet Plate 1 mm Door Plate 1.5 mm

## Environmental

Degree of Protection	IP55
Protection Class	Isolated
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	a9384434-706f-4938-bb0f-956739599fbf Germany (DE)

## Dimensions

Width in Number of Modular Spacings	48
Product Net Width	1050 mm
Product Net Height	1850 mm
Product Net Depth / Length	225 mm
Product Net Weight	73.169 kg
Built-In Depth (t <sub>2</sub> )	170 mm

## Container Information

Package Level 1 Units	pack 1 piece
Package Level 1 Width	1110 mm
Package Level 1 Height	1920 mm
Package Level 1 Depth / Length	300 mm
Package Level 1 Gross Weight	77.576 kg
Package Level 1 EAN	4011617100683
Package Level 2 Units	pallet (lift) 4 piece
Package Level 2 Width	800 mm
Package Level 2 Height	2069 mm
Package Level 2 Depth / Length	1200 mm
Package Level 2 Gross Weight	318.368 kg

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85381000
Country of Origin	Germany (DE)

---

### Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107992A4839
Instructions and Manuals	2CPC016708M5601 2CPC119660M5601
REACH Declaration	2CPC100005X0201
RoHS Information	9AKK107992A4839

---

### Popular Downloads

Data Sheet, Technical Information	2CPC000001C0101 2CPC000002C0101
Instructions and Manuals	2CPC016708M5601 2CPC119660M5601

---

### Classifications

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
eClass	V11.0 : 27142408
Object Classification Code	U

---

### Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CPX010450R9999	TZ101 Flange, 147 mm x 223 mm x 20 mm	TZ101	4	piece
2CPX010452R9999	TZ102 Flange, 147 mm x 223 mm x 20 mm	TZ102	4	piece
2CPX010454R9999	TZ103 Flange, 147 mm x 223 mm x 20 mm	TZ103	4	piece
2CPX010456R9999	TZ104 Flange, 147 mm x 223 mm x 20 mm	TZ104	4	piece
2CPX010457R9999	TZ105 Flange, 147 mm x 223 mm x 20 mm	TZ105	4	piece
2CPX010458R9999	TZ106 Flange, 147 mm x 223 mm x 20 mm	TZ106	4	piece
2CPX010460R9999	TZ107 Flange, 147 mm x 223 mm x 20 mm	TZ107	4	piece
2CPX010850R9999	TZ110 Flange, 147 mm x 223 mm x 20 mm	TZ110	4	piece
2CPX010851R9999	TZ111 Flange, 147 mm x 223 mm x 20 mm	TZ111	4	piece
2CPX010852R9999	TZ112 Flange, 147 mm x 223 mm x 20 mm	TZ112	4	piece
2CPX010476R9999	TZ324 Cable support rails, Field width: 4, 35 mm x 1000 mm x 19 mm	TZ324	1	piece
2CPX010487R9999	TZ503 Enclosure accessories, 70 mm x 100 mm x 180 mm	TZ503	1	piece
2CPX010488R9999	TZ504 Enclosure accessories, 70 mm x 100 mm x 180 mm	TZ504	1	piece
2CPX010489R9999	TZ505 Enclosure accessories, 70 mm x 100 mm x 180 mm	TZ505	1	piece
2CPX010490R9999	TZ506 Enclosure accessories, 70 mm x 100 mm x 180 mm	TZ506	1	piece
2CPX010494R9999	TZ510 Enclosure accessories, 40 mm x 40 mm x 170 mm	TZ510	1	piece
2CPX010503R9999	TZ608 Accessory cabinet connection, 25 mm x 150 mm x 240 mm	TZ608	2	piece
2CPX010504R9999	TZ609 Accessory cabinet connection, 20 mm x 150 mm x 240 mm	TZ609	1	piece
2CPX010505R9999	TZ610 Enclosure accessories, 300 mm x 100 mm x 25 mm	TZ610	1	piece
2CPX010795R9999	TZ610A Enclosure accessories, 300 mm x 100 mm x 25 mm	TZ610A	1	piece
2CPX010507R9999	TZ612 Enclosure accessories, 50 mm x 150 mm x 25 mm	TZ612	1	piece
2CPX010796R9999	TZ612A Enclosure accessories, 50 mm x 150 mm x 25 mm	TZ612A	1	piece
2CPX010510R9999	TZ615P4 Enclosure accessories, 105 mm x 35 mm x 120 mm	TZ615P4	1	piece
2CPX010511R9999	TZ616 Enclosure accessories, 30 mm x 20 mm x 100 mm	TZ616	1	piece
2CPX010853R9999	TZ627P2 Enclosure accessories, 120 mm x 40 mm x 10 mm	TZ627P2	1	piece
2CPX010577R9999	TZG405 Plinth, Field width: 4, 50 mm x 1050 mm x 203.5 mm	TZG405	1	piece
2CPX010578R9999	TZG410 Plinth, Field width: 4, 100 mm x 1050 mm x 203.5 mm	TZG410	1	piece
2CPX038233R9999	ZA13 Enclosure accessories, 297 mm x 370 mm x 3 mm	ZA13	1	piece
2CPX038228R9999	ZA5 Enclosure accessories, 210 mm x 200 mm x 3 mm	ZA5	1	piece
2CPX038227R9999	ZA6 Enclosure accessories, 297 mm x 235 mm x 3 mm	ZA6	1	piece
2CPX038001R9999	ZL8 Enclosure accessories, 15 mm x 400 mm x 15 mm	ZL8	2	piece
2CPX010799R9999	TZ616A Enclosure accessories, 30 mm x 20 mm x 100 mm	TZ616A	1	piece
2CPX010999R9999	TZ634A Enclosure accessories, 30 mm x 20 mm x 100 mm	TZ634A	1	piece
2CPX011000R9999	TZ634 Enclosure accessories, 30 mm x 20 mm x 100 mm	TZ634	1	piece

---

## Categories

---

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

