ABB

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PRODUCT-DETAILS

CA23RZ1

CA23RZ1 ComfortLine Compact distribution board, Surface mounting, 48 SU, Isolated (Class II), IP44, Field Width: 2, Rows: 2, 500 mm x 550 mm x 160 mm

General Information

Extended Product Type	CA23RZ1
Product ID	2CPX052280R9999
EAN	4011617522805
Catalog Description	CA23RZ1 ComfortLine Compact distribution board, Surface mounting, 48 SU, Isolated (Class II), IP44, Field Width: 2, Rows: 2, 500 mm x 550 mm x 160 mm
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 IP44, 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 130 degree, door hinge right or left, cable entry on top via pre-punched, on bottom via pre-punched, dimensions in mm (H x W x D): 500 x 550 x 160, Grid unit 3 GU, panel width 2, Space units 48, Row distance in mm: 150, covers out of Plastic, 90 degree press and turn closure, RAL 7035, with N/PE screw terminal, cable fastening rail integrated, Assembled with distribution module, device support removable

Technical

Standards	DIN EN 61439-3
Rated Operational Voltage	Maximum 400 V
Operational Voltage	400 V

2024/04/19   Subject to change without notice

Rated Current (I_n)	125 A
Power Loss	Δt = 20K 43.5 W Δt = 25K 57.5 W Δt = 30K 72.1 W
Number of Miniature Circuit Breakers (MCBs)	"
Number of Rows	2
Closure Type	Turn Handle
Configuration Type	Assembled with distribution module
Cover Plate Type	Door
Enclosure Type	Compact distribution board
Mounting Type	Surface mounting
Door Type	Single
Surface Finishing	Powder-coated
Housing Material	Steel
Cover Style	Closed
DIN Place Units	48
RAL Number	RAL 9016 - Traffic White
Color	Traffic white
Terminal Type	Screw Terminals

Material Compliance

RoHS Information	2CPC100012X0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20230918
REACH Declaration	2CPC100005X0201
REACH Information	False - does not contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Degree of Protection	IP44
Protection Class	Isolated (Class II)

Dimensions

Width in Number of Modular Spacings	24
Product Net Width	550 mm
Product Net Height	500 mm
Product Net Depth / Length	160 mm
Product Net Weight	12.097 kg
Built-In Depth (t_2)	0 mm
Dimension Diagram	2CPC000012D0201

Ordering

Package Level 1 Units	pack 1 piece
Package Level 1 Gross Weight	12.581 kg

Certificates and Declarations

Declaration of Conformity - CE	2CPC100012X0201

Installation

Instructions and Manuals	2CPC130114M5601
	2CPC130115M5601
	2CPC133150M5601

Popular Downloads

Data Sheet, Technical Information	No document needed
Building Information Modeling - BIM	9AKK107680A4429

Classifications

ETIM 8	EC000214 - Small distribution board
ETIM 9	EC000214 - Small distribution board
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85381000
eClass	V11.0 : 27142409
Object Classification Code	U

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CPX052449R9999	CZL61 ComfortLine Compact CA Enclosure accessories, 15 mm x 200 mm x 300 mm	CZL61	1	piece
2CPX052412R9999	CZT2 ComfortLine Lock replacement part, 165 mm x 62 mm x 32 mm	CZT2	1	piece
2CPX052556R9999	CZ9P16 ComfortLine Interior fitting system, 26 mm x 18.2 mm x 94 mm	CZ9P16	1	piece
2CPX052488R9999	CZT5 ComfortLine Lock replacement part, 164 mm x 62 mm x 47 mm	CZT5	1	piece
2CPX052462R9999	CZ4 ComfortLine Cabinet connection, 20.5 mm x 204 mm x 87 mm	CZ4	1	piece
2CPX052460R9999	CZ2 ComfortLine Cabinet connection, 30 mm x 50 mm x 13 mm	CZ2	1	piece
2CPX052459R9999	CZ1P4 ComfortLine Accessory cabinet assembly, 130 mm x 40 mm x 20 mm	CZ1P4	1	piece
2CPX052437R9999	CZF3 ComfortLine Flange, 22 mm x 223 mm x 106 mm	CZF3	1	piece
2CPX052438R9999	CZF4 ComfortLine Flange, 22 mm x 223 mm x 106 mm	CZF4	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
2CPX010491R9999	TZ507 Enclosure accessories, 25 mm x 100 mm x 170 mm	TZ507	1	piece
2CPX010492R9999	TZ508 Enclosure accessories, 25 mm x 100 mm x 170 mm	TZ508	1	piece
2CPX052416R9999	CZT23H ComfortLine Enclosure accessories, 275.5 mm x 29.5 mm x 5 mm	CZT23H	1	piece

Categories

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