



PRODUCT-DETAILS

# CA27

ComfortLine Compact distribution board,  
 Surface mounting, 168 SU, Isolated (Class II),  
 IP44, Rows: 7, 1100 mm x 550 mm x 160 mm



General Information	
Extended Product Type	CA27
Product ID	2CPX052152R9999
EAN	4011617521525
Catalog Description	ComfortLine Compact distribution board, Surface mounting, 168 SU, Isolated (Class II), IP44, Rows: 7, 1100 mm x 550 mm x 160 mm
Long Description	Compact distribution board, empty 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, Impact strength IK07, 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): 1100 x 550 x 160, Grid unit 7 GU, panel width 2, Space units 168, without N/PE without terminal, cable fastening rail integrated, pre-assembled for installation of modules and CombiLine Modules

Technical	
Standards	DIN EN 61439-3

Rated Operational Voltage	Maximum 400 V
Operational Voltage	400 V
Rated Current (I <sub>n</sub> )	125 A
Power Loss	Δt = 20K 55.4 W Δt = 25K 73.1 W Δt = 30K 86.3 W
Number of Rows	7
Closure Type	Turn Handle
Configuration Type	pre-assembled for installation of modules and CombiLine Modules
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	168
RAL Number	RAL 9016 - Traffic White
Color	Traffic white
Terminal Type	No Terminals

## Material Compliance

RoHS Information	2CPC100012X0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20240903
REACH Declaration	2CPC100005X0201
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240902
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	1100 mm
Product Net Depth / Length	160 mm
Section Width	2
Product Net Weight	15.573 kg
Built-In Depth (t <sub>2</sub> )	0 mm
Dimension Diagram	2CPC000012D0201

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## Ordering

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Package Level 1 Units	pack 1 piece
Package Level 1 Gross Weight	16.196 kg

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## Certificates and Declarations

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Declaration of Conformity - CE	2CPC100012X0201
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## Installation

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Instructions and Manuals	2CPC133150M5601
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## Popular Downloads

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Data Sheet, Technical Information	2CPC000001C0101 2CPC000002C0101 2CPC000377C0101
Building Information Modeling – BIM	9AKK107680A4427 9AKK107680A4426

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## Classifications

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ETIM 8	EC000214 - Small distribution board
ETIM 9	EC000214 - Small distribution board
WEEE Category	Product Not in WEEE Scope
WEEE B2C / B2B	Business To Consumer
CN8	85381000
eClass	V11.0 : 27142409
Object Classification Code	U

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## Accessories

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Identifier	Description	Type	Quantity	Unit Of Measure
2CPX052449R9999	ComfortLine Compact CA Enclosure accessories, 15 mm x 200 mm x 300 mm	CZL61	1	piece
2CPX052412R9999	ComfortLine Lock replacement part, 165 mm x 62 mm x 32 mm	CZT2	1	piece
2CPX052556R9999	ComfortLine Interior fitting system, 26 mm x 18.2 mm x 94 mm	CZ9P16	1	piece
2CPX052488R9999	ComfortLine Lock replacement part, 164 mm x 62 mm x 47 mm	CZT5	1	piece
2CPX052462R9999	ComfortLine Cabinet connection, 20.5 mm x 204 mm x 87 mm	CZ4	1	piece
2CPX052460R9999	ComfortLine Cabinet connection, 30 mm x 50 mm x 13 mm	CZ2	1	piece
2CPX052459R9999	ComfortLine Accessory cabinet assembly, 130 mm x 40 mm x 20 mm	CZ1P4	1	piece
2CPX052457R9999	ComfortLine terminals , Plastic , Quick-Terminal	ZK221	1	piece
2CPX052456R9999	ComfortLine Terminal carrier, 20 mm x 205.5 mm x 15 mm	ZK19	1	piece
2CPX052437R9999	ComfortLine Flange, 22 mm x 223 mm x 106 mm	CZF3	1	piece
2CPX052438R9999	ComfortLine Flange, 22 mm x 223 mm x 106 mm	CZF4	1	piece
2CPX052454R9999	ComfortLine Compact CA Interior fitting system, 1050 mm x 84.5 mm x 7 mm	CZB117	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
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
2CPX010491R9999	Enclosure accessories, 25 mm x 100 mm x 170 mm	TZ507	1	piece
2CPX010492R9999	Enclosure accessories, 25 mm x 100 mm x 170 mm	TZ508	1	piece
2CPX052420R9999	ComfortLine Enclosure accessories, 575.5 mm x 29.5 mm x 5 mm	CZT27H	1	piece

## Categories

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

