



11 | 2014

System pro *E* energy DL160 compact distribution boards Design and functionality

Power and productivity
for a better world™

ABB

DL160 compact distribution boards

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DL160 compact distribution boards

Design and functionality

The new DL160 compact distribution boards are the perfect solution for best functionality and aesthetic design. The attractive door frame in combination with its sheet steel or all-glass door turns your DL160 into a true showpiece. In addition, its exemplary ease of assembly provides for an installation with just a flick of the wrist. This will save your time and costs.

With their attractive design and their functional features, the new compact distribution boards are more than captivating. The DL160 boards have been tested according to IEC 61439 and are available in all sizes as wall- or flush-mounted versions. Using a hollow-wall mounting set and a few touches, every flush-mounted compact distribution board can be installed into hollow-walls. All enclosures are earthed or double insulated and are available for 36 to 168 space units. The distribution boards have a rating up to IP41. A screwable PE rail in the upper area is standard. As an option the innovative terminal system based on pluggable N/PE Quick-terminals, turns the DL160 into a true space-saver. Thanks to the lateral assembly to the wiring spaces, the upper and lower flange area stays completely free for cable entries – which lead to easy and smooth wiring.

Product benefits

- Attractive and modern design
- Complete range of products in both protection classes
- For wall-, flush- and hollow-wall mounting
- Complete distribution boards with integrated distribution board panels
- Empty enclosures prepared to be flexibly fitted with CombiLine modules
- Sheet steel and all-glass doors made of safety glazing
- Optimal cable entry using closing or membrane flanges
- CombiLine modules for Tmax MCCBs
- DIN rail spacing of the distribution board panels: 150 mm and/or 200 mm
- Generous wiring space on the left and right
- Sophisticated wiring system
- Innovative N/PE Quick-terminals
- Safety through perforated package



All enclosures are available in both protection classes



DL160 compact distribution boards

For wall-, flush- and hollow-wall mounting ☒ ⊥



Compact distribution boards
With integrated distribution
board panels



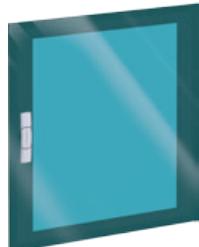
Empty enclosures
Prepared to be flexibly fitted with
CombiLine modules



Complete range in both protection classes
For wall-, flush- and hollow-wall mounting



Compact distribution board
with integrated panel



All-glass door

or



Sheet steel door

=



Complete compact
distribution board



Empty cabinet



CombiLine modules

+



All-glass door

or



Sheet steel door



Complete compact
distribution board

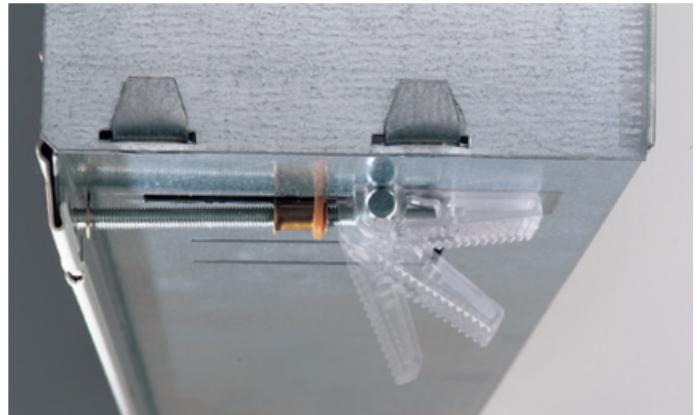
DL160 compact distribution boards

Distribution panel systems made easy



Generous wiring space

- Removable device supports facilitate equipping and wiring outside the enclosure
- Generous wiring space on the left and right
- Sufficient space for cable ducts and/or wire holders



Flexibility and speed in hollow-wall mounting

- All flush-mounted consumer units are prepared for hollow-wall mounting
- It takes only a few steps to fit them in
- Well-thought solution without the need of two separate cabinets for flush- and hollow-wall mounting



Innovative cable entry for wall- and flush-mounted versions

- Membrane flanges for wall- and nipple flanges for flush-mounted compact distribution boards
- Two membrane flanges and two closing flanges which are already preinstalled for wall-mounted versions
- Four nipple flanges included for flush-mounted versions
- The flanges are available as accessories
- Convenient exchange of the required cable entry from the top to the bottom by simply rotating the wall-mounted distribution board by 180 degrees



N/PE Quick-terminals – configuration according to your needs

- In case of a lateral assembly the upper and lower flange area stays completely free for cable entries
- Combination of several terminals on one common quick carrier
- Optimal when using several Residual Current Devices (RCDs)
- Flexible terminal system for several N circuits

DL160 compact distribution boards

Technical specifications and product features

Technical specifications

Standards/requirements	IEC 61439-1/-3
Protection class	I, earthed II, double insulated
Degree of protection	With door up to IP41 Without door IP3XC
Mechanical impact strength	IK07 for all-glass door IK08 for sheet steel door
Rated current	Up to 160 A

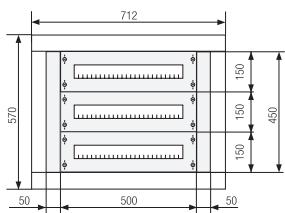
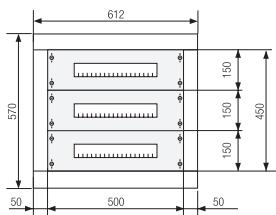
Product features

Flush-mounted enclosure	Front of galvanised sheet steel Depth 103 mm
Wall-mounted enclosure	Made of sheet steel Powder-coated RAL 9016 Depth 103 mm
Door frames	Depth 27 mm
Doors	All-glass or sheet steel door Door opening angle 180 degrees
Locking system	Standard closure without lock Closure with lock Closure with RONIS lock 455
Cabinet height	3 to 7 grid units of the height
Space units	36 to 168 space units
Distribution panel system	CombiLine modules Covers colour RAL 7035 DIN rail spacing 150 and/or 200 mm
Forms of delivery	Preassembled distribution board with removable distributionboard panels and PE bus bar Empty enclosure prepared to be fitted with CombiLine modules

DL160 compact distribution boards for wall-mounting

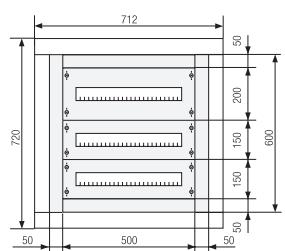
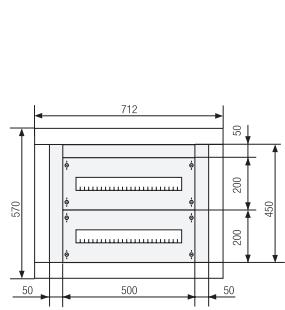
With distribution board panels and door frames, without doors

Row	Grid unit GU	Space unit SU	External dimensions H x W x D in mm	Type	Ord. no.	Price
For DIN rail mounting devices, 18 SU per row, 150 mm DIN rail spacing 						
3	3	54 (3 x 18)	570 x 612 x 130	DLW103G1	2CPX071049R9999	
4	4	72 (4 x 18)	720 x 612 x 130	DLW104G1	2CPX071050R9999	
For DIN rail mounting devices, 24 SU per row, 150 mm DIN rail spacing 						
3	3	72 (3 x 24)	570 x 712 x 130	DLW203G1	2CPX071051R9999	
4	4	96 (4 x 24)	720 x 712 x 130	DLW204G1	2CPX071052R9999	
5	5	120 (5 x 24)	870 x 712 x 130	DLW205G1	2CPX071053R9999	
6	6	144 (6 x 24)	1020 x 712 x 130	DLW206G1	2CPX071054R9999	
7	7	168 (7 x 24)	1170 x 712 x 130	DLW207G1	2CPX071055R9999	



DL160 compact distribution boards for wall-mounting

With distribution board panels and door frames, without doors

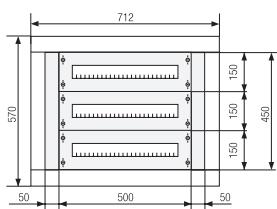
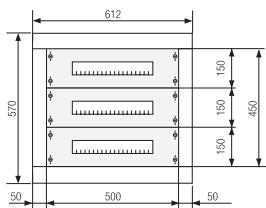


Row	Grid unit	Space unit	External dimensions H x W x D in mm	Type	Ord. no.	Price
For DIN rail mounting devices, 24 SU per row, 150 and/or 200 mm DIN rail spacing						
2	3	48 (2 x 24)	570 x 712 x 130	DLW203G2	2CPX071056R9999	
3	4	72 (3 x 24)	720 x 712 x 130	DLW204G2	2CPX071057R9999	
4	5	96 (4 x 24)	870 x 712 x 130	DLW205G2	2CPX071058R9999	
5	6	120 (5 x 24)	1020 x 712 x 130	DLW206G2	2CPX071059R9999	
6	7	144 (6 x 24)	1170 x 712 x 130	DLW207G2	2CPX071060R9999	

DL160 compact distribution boards for wall-mounting

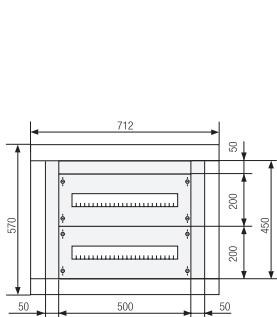
With distribution board panels and door frames, without doors ☐

Row	Grid unit GU	Space unit SU	External dimensions		Type	Ord. no.	Price		
			H x W x D in mm						
For DIN rail mounting devices, 18 SU per row, 150 mm DIN rail spacing ☐									
3	3	54 (3 x 18)	570 x 612 x 130		DLW103D1	2CPX071061R9999			
4	4	72 (4 x 18)	720 x 612 x 130		DLW104D1	2CPX071062R9999			
For DIN rail mounting devices, 24 SU per row, 150 mm DIN rail spacing ☐									
3	3	72 (3 x 24)	570 x 712 x 130		DLW203D1	2CPX071063R9999			
4	4	96 (4 x 24)	720 x 712 x 130		DLW204D1	2CPX071064R9999			
5	5	120 (5 x 24)	870 x 712 x 130		DLW205D1	2CPX071065R9999			
6	6	144 (6 x 24)	1020 x 712 x 130		DLW206D1	2CPX071066R9999			
7	7	168 (7 x 24)	1170 x 712 x 130		DLW207D1	2CPX071067R9999			

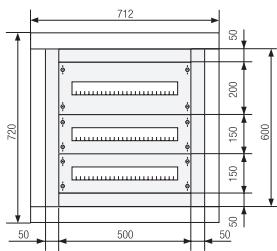


DL160 compact distribution boards for wall-mounting

With distribution board panels and door frames, without doors ☐



Row	Grid unit	Space unit	External dimensions H x W x D in mm	Type	Ord. no.	Price
For DIN rail mounting devices, 24 SU per row, 150 and/or 200 mm DIN rail spacing ☐						
2	3	48 (2 x 24)	570 x 712 x 130	DLW203D2	2CPX071068R9999	
3	4	72 (3 x 24)	720 x 712 x 130	DLW204D2	2CPX071069R9999	
4	5	96 (4 x 24)	870 x 712 x 130	DLW205D2	2CPX071070R9999	
5	6	120 (5 x 24)	1020 x 712 x 130	DLW206D2	2CPX071071R9999	
6	7	144 (6 x 24)	1170 x 712 x 130	DLW207D2	2CPX071072R9999	



DL160 compact distribution boards for wall-mounting

Empty cabinets with door frames, without doors

Grid unit GU	Space unit SU	External dimensions H x W x D in mm	Type	Ord. no.	Price
Wall-mounted empty cabinets with door frames, without doors 					
3	72 (3 x 24)	570 x 712 x 130	DLW203G	2CPX071010R9999	
4	96 (4 x 24)	720 x 712 x 130	DLW204G	2CPX071011R9999	
5	120 (5 x 24)	870 x 712 x 130	DLW205G	2CPX071012R9999	
6	144 (6 x 24)	1020 x 712 x 130	DLW206G	2CPX071013R9999	
7	168 (7 x 24)	1170 x 712 x 130	DLW207G	2CPX071014R9999	

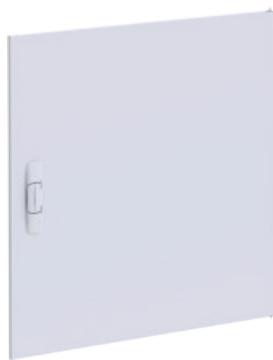
DLW206G

Grid unit GU	Space unit SU	External dimensions H x W x D in mm	Type	Ord. no.	Price
Wall-mounted empty cabinets with door frames, without doors 					
3	72 (3 x 24)	570 x 712 x 130	DLW203D	2CPX071020R9999	
4	96 (4 x 24)	720 x 712 x 130	DLW204D	2CPX071021R9999	
5	120 (5 x 24)	870 x 712 x 130	DLW205D	2CPX071022R9999	
6	144 (6 x 24)	1020 x 712 x 130	DLW206D	2CPX071023R9999	
7	168 (7 x 24)	1170 x 712 x 130	DLW207D	2CPX071024R9999	

DLW206D

DL160 compact distribution boards for wall-mounting

Accessories cabinet doors



DLZ206B

Grid unit	To be used with...	Type	Ord. no.	Price
Sheet steel doors, powder-coated RAL 9016				
3	DLF103...or DLW103...	DLZ103B	2CPX071073R9999	
4	DLF104...or DLW104...	DLZ104B	2CPX071074R9999	
3	DLF203...or DLW203...	DLZ203B	2CPX071075R9999	
4	DLF204...or DLW204...	DLZ204B	2CPX071076R9999	
5	DLF205...or DLW205...	DLZ205B	2CPX071077R9999	
6	DLF206...or DLW206...	DLZ206B	2CPX071078R9999	
7	DLF207...or DLW207...	DLZ207B	2CPX071079R9999	

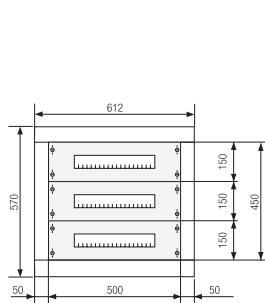


DLZ206T

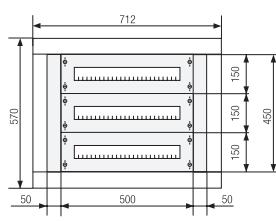
Grid unit	To be used with...	Type	Ord. no.	Price
All-glass doors, 3 mm safety glazing				
3	DLF103...or DLW103...	DLZ103T	2CPX071080R9999	
4	DLF104...or DLW104...	DLZ104T	2CPX071081R9999	
3	DLF203...or DLW203...	DLZ203T	2CPX071082R9999	
4	DLF204...or DLW204...	DLZ204T	2CPX071083R9999	
5	DLF205...or DLW205...	DLZ205T	2CPX071084R9999	
6	DLF206...or DLW206...	DLZ206T	2CPX071085R9999	
7	DLF207...or DLW207...	DLZ207T	2CPX071086R9999	

DL160 compact distribution boards for flush-mounting*

With distribution board panels and door frames, without doors



Row	Grid unit GU	Space unit SU	External dimensions		Wall box dimensions H x W x D in mm	Type	Ord. no.	Price
			H x W x D in mm	H x W x D in mm				
For DIN rail mounting devices, 18 SU per row, 150 mm DIN rail spacing 								
3	3	54 (3 x 18)	570 x 612 x 130	515 x 560 x 103	DLF103G1	2CPX071025R9999		
4	4	72 (4 x 18)	720 x 612 x 130	665 x 560 x 103	DLF104G1	2CPX071026R9999		

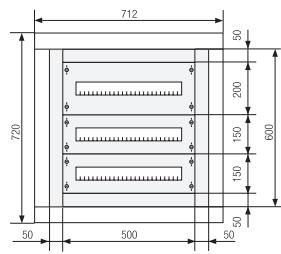
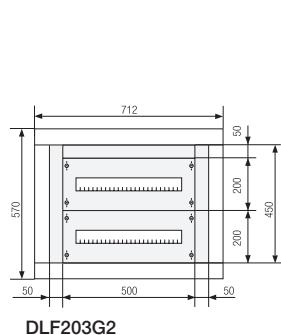


For DIN rail mounting devices, 24 SU per row, 150 mm DIN rail spacing 								
Row	Grid unit GU	Space unit SU	External dimensions	Wall box dimensions H x W x D in mm	Type	Ord. no.	Price	
3	3	72 (3 x 24)	570 x 712 x 130	515 x 660 x 103	DLF203G1	2CPX071027R9999		
4	4	96 (4 x 24)	720 x 712 x 130	665 x 660 x 103	DLF204G1	2CPX071028R9999		
5	5	120 (5 x 24)	870 x 712 x 130	815 x 660 x 103	DLF205G1	2CPX071029R9999		
6	6	144 (6 x 24)	1020 x 712 x 130	965 x 660 x 103	DLF206G1	2CPX071030R9999		
7	7	168 (7 x 24)	1170 x 712 x 130	1115 x 660 x 103	DLF207G1	2CPX071031R9999		

* For hollow-wall mounting use the set ZKV200P4 (accessory)

DL160 compact distribution boards for flush-mounting*

With distribution board panels and door frames, without doors

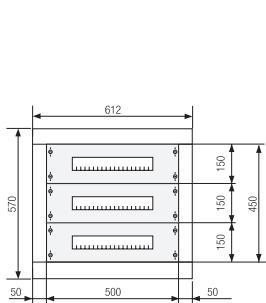


Row	Grid unit	Space unit	External dimensions	Wall box dimensions	Type	Ord. no.	Price
	-	GU	SU	H x W x D in mm			
For DIN rail mounting devices, 24 SU per row, 150 and/or 200 mm DIN rail spacing							
2	3	48 (2 x 24)	570 x 712 x 130	515 x 660 x 103	DLF203G2	2CPX071032R9999	
3	4	72 (3 x 24)	720 x 712 x 130	665 x 660 x 103	DLF204G2	2CPX071033R9999	
4	5	96 (4 x 24)	870 x 712 x 130	815 x 660 x 103	DLF205G2	2CPX071034R9999	
5	6	120 (5 x 24)	1020 x 712 x 130	965 x 660 x 103	DLF206G2	2CPX071035R9999	
6	7	144 (6 x 24)	1170 x 712 x 130	1115 x 660 x 103	DLF207G2	2CPX071036R9999	

* For hollow-wall mounting use the set ZKV200P4 (accessory)

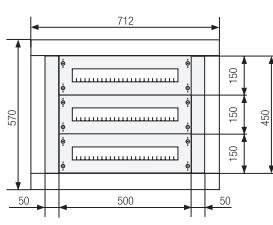
DL160 compact distribution boards for flush-mounting*

With distribution board panels and door frames, without doors ☐



DLF103D1

Row	Grid unit GU	Space unit SU	External dimensions	Wall box dimensions	Type	Ord. no.	Price
			H x W x D in mm	H x W x D in mm			
For DIN rail mounting devices, 18 SU per row, 150 mm DIN rail spacing ☐							
3	3	54 (3 x 18)	570 x 612 x 130	515 x 560 x 103	DLF103D1	2CPX071037R9999	
4	4	72 (4 x 18)	720 x 612 x 130	665 x 560 x 103	DLF104D1	2CPX071038R9999	



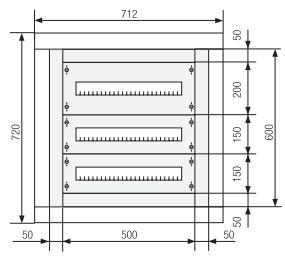
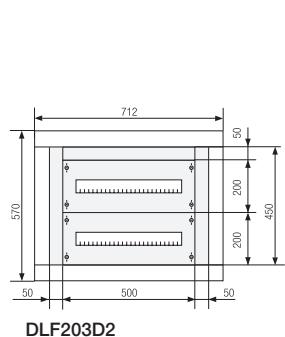
DLF203D1

For DIN rail mounting devices, 24 SU per row, 150 mm DIN rail spacing ☐							
3	3	72 (3 x 24)	570 x 712 x 130	515 x 660 x 103	DLF203D1	2CPX071039R9999	
4	4	96 (4 x 24)	720 x 712 x 130	665 x 660 x 103	DLF204D1	2CPX071040R9999	
5	5	120 (5 x 24)	870 x 712 x 130	815 x 660 x 103	DLF205D1	2CPX071041R9999	
6	6	144 (6 x 24)	1020 x 712 x 130	965 x 660 x 103	DLF206D1	2CPX071042R9999	
7	7	168 (7 x 24)	1170 x 712 x 130	1115 x 660 x 103	DLF207D1	2CPX071043R9999	

* For hollow-wall mounting use the set ZKV200P4 (accessory)

DL160 compact distribution boards for flush-mounting*

With distribution board panels and door frames, without doors ☐



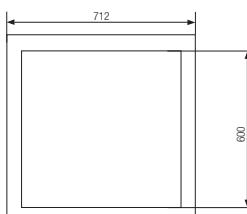
Row	Grid unit	Space unit	External dimensions	Wall box dimensions	Type	Ord. no.	Price
	- GU	SU	H x W x D in mm	H x W x D in mm			
For DIN rail mounting devices, 24 SU per row, 150 and/or 200 mm DIN rail spacing ☐							
2	3	48 (2 x 24)	570 x 712 x 130	515 x 660 x 103	DLF203D2	2CPX071044R9999	
3	4	72 (3 x 24)	720 x 712 x 130	665 x 660 x 103	DLF204D2	2CPX071045R9999	
4	5	96 (4 x 24)	870 x 712 x 130	815 x 660 x 103	DLF205D2	2CPX071046R9999	
5	6	120 (5 x 24)	1020 x 712 x 130	965 x 660 x 103	DLF206D2	2CPX071047R9999	
6	7	144 (6 x 24)	1170 x 712 x 130	1115 x 660 x 103	DLF207D2	2CPX071048R9999	

* For hollow-wall mounting use the set ZKV200P4 (accessory)

DL160 compact distribution boards for flush-mounting*

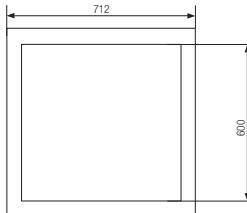
Empty cabinets with door frames, without doors

Grid unit	Space unit	External dimensions H x W x D in mm	Wall box dimensions H x W x D in mm	Type	Ord. no.	Price
Flush-mounted empty cabinets with door frames, without doors 						
3	72 (3 x 24)	570 x 712 x 130	515 x 660 x 103	DLF203G	2CPX071005R9999	
4	96 (4 x 24)	720 x 712 x 130	665 x 660 x 103	DLF204G	2CPX071006R9999	
5	120 (5 x 24)	870 x 712 x 130	815 x 660 x 103	DLF205G	2CPX071007R9999	
6	144 (6 x 24)	1020 x 712 x 130	965 x 660 x 103	DLF206G	2CPX071008R9999	
7	168 (7 x 24)	1170 x 712 x 130	1115 x 660 x 103	DLF207G	2CPX071009R9999	



DL206G

Grid unit	Space unit	External dimensions H x W x D in mm	Wall box dimensions H x W x D in mm	Type	Ord. no.	Price
Flush-mounted empty cabinets with door frames, without doors 						
3	72 (3 x 24)	570 x 712 x 130	515 x 660 x 103	DLF203D	2CPX071015R9999	
4	96 (4 x 24)	720 x 712 x 130	665 x 660 x 103	DLF204D	2CPX071016R9999	
5	120 (5 x 24)	870 x 712 x 130	815 x 660 x 103	DLF205D	2CPX071017R9999	
6	144 (6 x 24)	1020 x 712 x 130	965 x 660 x 103	DLF206D	2CPX071018R9999	
7	168 (7 x 24)	1170 x 712 x 130	1115 x 660 x 103	DLF207D	2CPX071019R9999	



DL206D

* For hollow-wall mounting use the set ZKV200P4 (accessory)

DL160 compact distribution boards

Accessories cabinet doors



DLZ206B

Grid unit	To be used with...	Type	Ord. no.	Price
Sheet steel doors, powder-coated RAL 9016				
3	DLF103...or DLW103...	DLZ103B	2CPX071073R9999	
4	DLF104...or DLW104...	DLZ104B	2CPX071074R9999	
3	DLF203...or DLW203...	DLZ203B	2CPX071075R9999	
4	DLF204...or DLW204...	DLZ204B	2CPX071076R9999	
5	DLF205...or DLW205...	DLZ205B	2CPX071077R9999	
6	DLF206...or DLW206...	DLZ206B	2CPX071078R9999	
7	DLF207...or DLW207...	DLZ207B	2CPX071079R9999	



DLZ206T

Grid unit	To be used with...	Type	Ord. no.	Price
All-glass doors, 3 mm safety glazing				
3	DLF103...or DLW103...	DLZ103T	2CPX071080R9999	
4	DLF104...or DLW104...	DLZ104T	2CPX071081R9999	
3	DLF203...or DLW203...	DLZ203T	2CPX071082R9999	
4	DLF204...or DLW204...	DLZ204T	2CPX071083R9999	
5	DLF205...or DLW205...	DLZ205T	2CPX071084R9999	
6	DLF206...or DLW206...	DLZ206T	2CPX071085R9999	
7	DLF207...or DLW207...	DLZ207T	2CPX071086R9999	

DL160 compact distribution boards

Accessories



DLZ103F



ZB118



ZB119



ZKV200P4



ZA53



ZA6



ZA5

Article	Pcs.	Type	Ord. no.	Price
Front frames				
For wall- and flush-mounted enclosures, RAL 9016				
To be used with DLW103... or DLF103...	1	DLZ103F	2CPX071087R9999	
To be used with DLW104... or DLF104...	1	DLZ104F	2CPX071088R9999	
To be used with DLW203... or DLF203...	1	DLZ203F	2CPX071089R9999	
To be used with DLW204... or DLF204...	1	DLZ204F	2CPX071090R9999	
To be used with DLW205... or DLF205...	1	DLZ205F	2CPX071091R9999	
To be used with DLW206... or DLF206...	1	DLZ206F	2CPX071092R9999	
To be used with DLW207... or DLF207...	1	DLZ207F	2CPX071093R9999	
Standard closure				
For sheet steel doors	1	ZB118	2CPX071109R9999	
For all-glass doors	1	ZB114	2CPX071099R9999	
Closure with lock				
For sheet steel doors	1	ZB119	2CPX071110R9999	
For all-glass doors	1	ZB117	2CPX071102R9999	
For sheet steel doors RONIS 455	1	ZB115	2CPX071100R9999	
For all-glass doors RONIS 455	1	ZB116	2CPX071101R9999	
Hollow-wall mounting set				
For retrofitting flush-mounted distribution boards	1	ZKV200P4	2CPX062446R9999	
Wall thickness: min. 14 mm, max. 58 mm				
Document holder				
For fastening to wiring space covers or the door	1	ZA53	2CPX071103R9999	
Document holder DIN A4				
Self-adhesive with transparent sleeve	1	ZA6	2CPX038227R9999	
	10	ZA6P10	2CPX062380R9999	
Document holder DIN A5				
Self-adhesive	1	ZA5	2CPX038228R9999	
	10	ZA5P10	2CPX062382R9999	

DL160 compact distribution boards

Accessories flanges / PE screw terminals



ZB101



ZB43



ZB40



ZK508



ZK509

Article	Pcs.	Type	Ord. no.	Price
Closing flange For inserting the cable	1	ZB101	2CPX038181R9999	

Membrane flange For inserting the cable	1	ZB43	2CPX038183R9999	
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Nipple flange For inserting the cable	1	ZB40	2CPX038195R9999	
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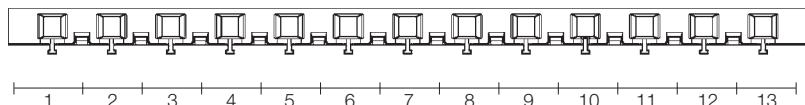
PE screw terminal To be used with DLW1.../DLF1... (18 space units per row) 44 x 1,5 mm ² - 16 mm ² 2 x 10 mm ² - 50 mm ²	1	ZK508	2CPX071107R9999	
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PE screw terminal To be used with DLW2.../DLF2... (24 space units per row) 58 x 1,5 mm ² - 16 mm ² 2 x 10 mm ² - 50 mm ²	1	ZK509	2CPX071108R9999	
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DL160 compact distribution boards

Accessories N/PE Quick-terminals

ZK17



N/PE Quick-terminals with units	N Quick-terminals	Screw-connections	Spring-terminals	PE Quick-terminals	Screw-connections	Spring-terminals		
		ZK50B	0 x 25 mm ²	5 x 1,5 - 4 mm ²	-	-		
		ZK51B	1 x 25 mm ²	5 x 1,5 - 4 mm ²		ZK51G	1 x 25 mm ²	5 x 1,5 - 4 mm ²
		ZK82B	2 x 25 mm ²	8 x 1,5 - 4 mm ²		ZK82G	2 x 25 mm ²	8 x 1,5 - 4 mm ²
		ZK113B	3 x 25 mm ²	11 x 1,5 - 4 mm ²		ZK113G	3 x 25 mm ²	11 x 1,5 - 4 mm ²
		ZK144B	4 x 25 mm ²	14 x 1,5 - 4 mm ²		ZK144G	4 x 25 mm ²	14 x 1,5 - 4 mm ²
		ZK175B	5 x 25 mm ²	17 x 1,5 - 4 mm ²		ZK175G	5 x 25 mm ²	17 x 1,5 - 4 mm ²
		ZK206B	6 x 25 mm ²	20 x 1,5 - 4 mm ²		ZK206G	6 x 25 mm ²	20 x 1,5 - 4 mm ²
		ZK50BT	0 x 25 mm ²	5 x 1,5 - 4 mm ²	-	-	-	

DL160 compact distribution boards

Accessories N/PE Quick-terminals



ZK113B

Article	Number of terminals 1.5 - 4 mm ²	Number of terminals 2.5 - 25 mm ²	External dimensions H x W x D in mm	Pcs.	Type	Ord. no.	Price
N Quick-terminals	5	0	23 x 32 x 21	1	ZK50B	2CPX062750R9999	
For quick carriers	5	1	32 x 32 x 31	1	ZK51B	2CPX062751R9999	
	8	2	32 x 49 x 31	1	ZK82B	2CPX062752R9999	
	11	3	32 x 65 x 31	1	ZK113B	2CPX062753R9999	
	14	4	32 x 82 x 31	1	ZK144B	2CPX062754R9999	
	17	5	32 x 98 x 31	1	ZK175B	2CPX062755R9999	
	20	6	32 x 115 x 31	1	ZK206B	2CPX062756R9999	



ZK50BT

N Quick terminal with adapter ZK15	5	0	28 x 39 x 25	1	ZK50BT	2CPX062745R9999	
For fastening to DIN rail							



ZK113G

PE Quick-terminals	5	1	32 x 32 x 31	1	ZK51G	2CPX062757R9999	
For quick carriers	8	2	32 x 49 x 31	1	ZK82G	2CPX062758R9999	
	11	3	32 x 65 x 31	1	ZK113G	2CPX062759R9999	
	14	4	32 x 82 x 31	1	ZK144G	2CPX062760R9999	
	17	5	32 x 98 x 31	1	ZK175G	2CPX062761R9999	
	20	6	32 x 115 x 31	1	ZK206G	2CPX062762R9999	



ZK10P10

Connecting bridges	10	ZK10P10	2CPX062763R9999	
For Quick-terminals				



ZK17

Quick carriers	1	ZK17	2CPX071106R9999	
For lateral assembly within the wiring space				
With 13 units				



ZK15

Adapter for ZK50B	1	ZK15	2CPX064984R9999	
Engaging the ZK50B N Quick-terminal in the adapter ZK15, leads to ZK50BT to be fastened to the DIN rail				

DL160 compact distribution boards

CombiLine modules



MBB216



MBG2200



MBA298T

Grid unit	Space unit	External dimensions	Installation position	Type	Ord. no.	Price
GU	SU	H x W in mm	Tmax			
Touch guard module						
-		50 x 500		AH2050	2CPX042895R9999	
0.5		75 x 500		MBB200	2CPX041428R9999	
-		100 x 500		MBB2100	2CPX042888R9999	
1		150 x 500		MBB216	2CPX041723R9999	
		200 x 500		MBB2200	2CPX042889R9999	
2		300 x 500		MBB217	2CPX041726R9999	
3		450 x 500		MBB218	2CPX041729R9999	
4		600 x 500		MBB219	2CPX041732R9999	
5		750 x 500		MBB220	2CPX041735R9999	
Module for DIN rail mounting devices						
1	24 (1 x 24)	150 x 500		MBG2011	2CPX042905R9999	
-	24 (1 x 24)	200 x 500		MBG2200	2CPX042894R9999	
2	48 (4 x 12)	300 x 500		MBG422	2CPX041656R9999	
3	72 (6 x 12)	450 x 500		MBG423	2CPX041662R9999	
4	96 (8 x 12)	600 x 500		MBG424	2CPX041668R9999	
5	120 (10 x 12)	750 x 500		MBG425	2CPX041674R9999	
Module for MCCB Tmax XT1						
1		150 x 500	Switch installed horizontally	MBA295T	2CPX042890R9999	
-		200 x 500	Switch installed horizontally	MBA296T	2CPX042891R9999	
-		200 x 500	Switch installed vertically	MBA297T	2CPX042892R9999	
2		300 x 500	Switch installed vertically	MBA298T	2CPX042893R9999	

DL160 compact distribution boards

Accessories



AG21

Article	Pcs.	Type	Ord. no.	Price
Touch guard covers				
To be used with module	1	AH2050	2CPX042895R9999	
To be used with module MBB200	1	AH2	2CPX070388R9999	
To be used with module MBB2100	1	AH2100	2CPX042896R9999	
To be used with module MBB216	1	AG21	2CPX062811R9999	
To be used with module MBB2200	1	AH2200	2CPX042897R9999	
To be used with module MBB217	1	AG22	2CPX062813R9999	
To be used with module MBB218	1	AG23	2CPX062815R9999	
To be used with module MBB219	1	AG24	2CPX062817R9999	
To be used with module MBB220	1	AG25	2CPX062819R9999	



AS275

Article	Pcs.	Type	Ord. no.	Price
Covers for DIN rail mounting devices				
To be used with DLW1.../DLF1...	1	AS274	2CPX042902R9999	
To be used with module MBG2011	1	AS211	2CPX042904R9999	
To be used with module MBG2200	1	AS275	2CPX042903R9999	
To be used with module MBG422	1	AS222	2CPX062840R9999	
To be used with module MBG423	1	AS223	2CPX062842R9999	
To be used with module MBG424	1	AS224	2CPX062844R9999	
To be used with module MBG425	1	AS225	2CPX062846R9999	



AG272V

Article	Pcs.	Type	Ord. no.	Price
Covers for MCCB Tmax XT1				
To be used with module MBA295T	1	AG270H	2CPX042898R9999	
To be used with module MBA296T	1	AG271H	2CPX042899R9999	
To be used with module MBA297T	1	AG272V	2CPX042900R9999	
To be used with module MBA298T	1	AG273V	2CPX042901R9999	



AGH5

Article	Pcs.	Type	Ord. no.	Price
Covers for vertical wiring spaces				
For 3 GU, 450 mm height	1	AGH3	2CPX071094R9999	
For 4 GU, 600 mm height	1	AGH4	2CPX071095R9999	
For 5 GU, 750 mm height	1	AGH5	2CPX071096R9999	
For 6 GU, 900 mm height	1	AGH6	2CPX071097R9999	
For 7 GU, 1050 mm height	1	AGH7	2CPX071098R9999	



ZA1P5

Article	Pcs.	Type	Ord. no.	Price
Slot cover				
Colour RAL 7035	5	ZA1P5	2CPX062384R9999	
For 12 space units, break-off type	50	ZA1P50	2CPX062378R9999	



ED138P4

Article	Pcs.	Type	Ord. no.	Price
Cover holder				
52.5 mm high	4	ED138P4	2CPX062630R9999	
	12	ED138P12	2CPX062602R9999	
	40	ED138P40	2CPX062603R9999	

DL160 compact distribution boards

Accessories



ZKV201

Article	Pcs.	Type	Ord. no.	Price
Labelling system Self-adhesive	1	ZKV201	2CPX038148R9999	



ZA122

Cleaner For covers Spray dispenser, 500 ml	1	ZA122	2CPX038293R9999	
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ED44P10



ED45P10

Wire holder For routing of wires, installation depth 28.5 mm, to be inserted into the DIN rail from the rear	10	ED44P10	2CPX062335R9999	
	50	ED44P50	2CPX062308R9999	
	1000	ED44P1000	2CPX062703R9999	
Wire holder For routing of wires or for holding a plastic tube Ø 38 mm, installation depth 55 mm, to be inserted into the DIN rail from the rear	10	ED45P10	2CPX062336R9999	
	50	ED45P50	2CPX062310R9999	
	1000	ED45P1000	2CPX062704R9999	



ED59P10

DIN rail adapter For ED44 or ED45. Snap onto the DIN rail from the front	10	ED59P10	2CPX062339R9999	
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ED42P10



ED43P10

Console for wire holder ED44 or ED45 To be inserted into the DIN rail from the rear.	10	ED42P10	2CPX062333R9999	
Console for wire holder ED44 or ED45 Snap onto the DIN rail from the front.	10	ED43P10	2CPX062334R9999	



ED118



ED2

DIN rails 35 x 15 mm				
For 18 SU	1	ED118	2CPX071104R9999	
For 24 SU	1	ED2	2CPX039382R9999	



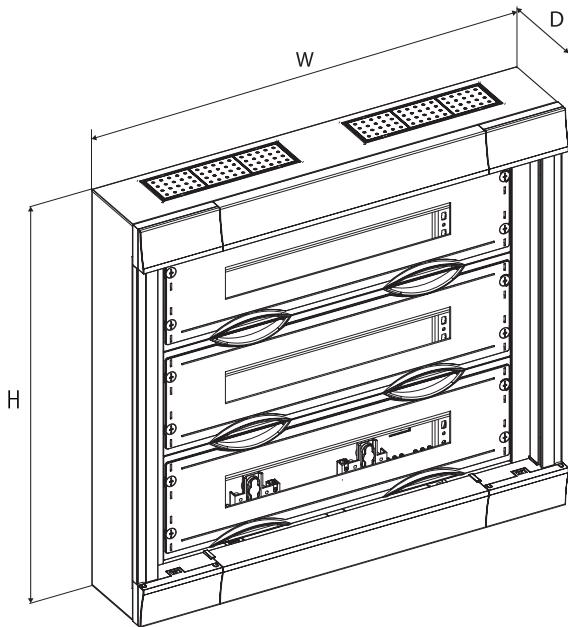
ZB32P20

Fastening screws for DIN rails Slotted/hexalobular socket pan head thread rolling screw T25 –	20	ZB32P20	2CPX062651R9999	
Slotted/hexalobular socket pan head thread rolling screw T25 –	500	ZB32P500	2CPX062652R9999	

Notes

DL160 compact distribution boards for wall-mounting

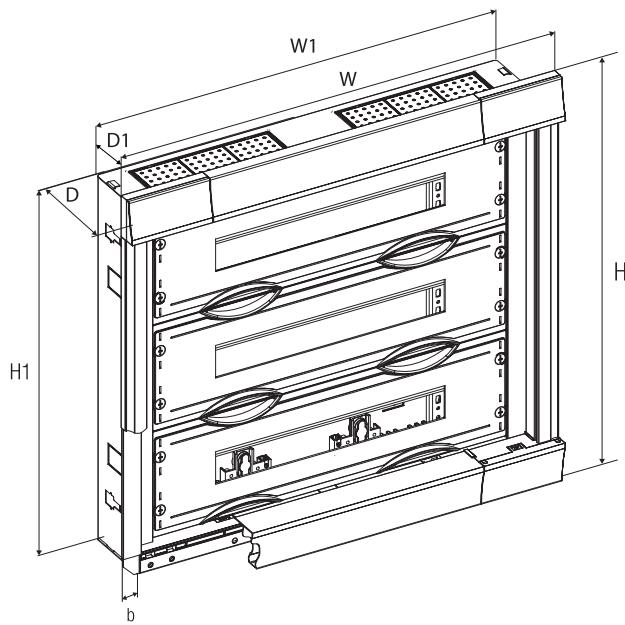
Technical information



Grid unit GU	Type	Type	Dimensions in mm		
	Earthed	Double insulated	H	W	D
3	DLW103G1	DLW103D1	570	612	130
4	DLW104G1	DLW104D1	720	612	130
3	DLW203G1	DLW203D1	570	712	130
4	DLW204G1	DLW204D1	720	712	130
5	DLW205G1	DLW205D1	870	712	130
6	DLW206G1	DLW206D1	1020	712	130
7	DLW207G1	DLW207D1	1170	712	130
3	DLW203G2	DLW203D2	570	712	130
4	DLW204G2	DLW204D2	720	712	130
5	DLW205G2	DLW205D2	870	712	130
6	DLW206G2	DLW206D2	1020	712	130
7	DLW207G2	DLW207D2	1170	712	130

DL160 compact distribution boards for flush-mounting*

Technical information

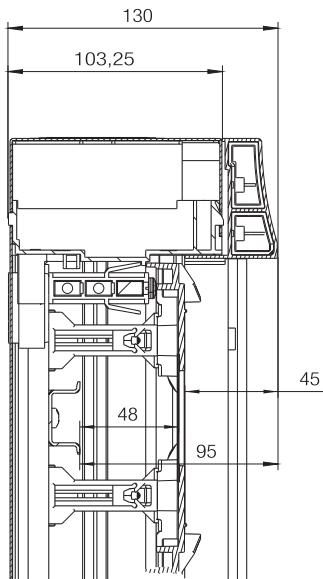


Grid unit	Type	Type	Dimensions in mm							
			H	H1	W	W1	D	D1	b	
3	DLF103G1	DLF103D1	570	515	612	560	130	103	26	
4	DLF104G1	DLF104D1	720	665	612	560	130	103	26	
3	DLF203G1	DLF203D1	570	515	712	660	130	103	26	
4	DLF204G1	DLF204D1	720	665	712	660	130	103	26	
5	DLF205G1	DLF205D1	870	815	712	660	130	103	26	
6	DLF206G1	DLF206D1	1020	965	712	660	130	103	26	
7	DLF207G1	DLF207D1	1170	1115	712	660	130	103	26	
3	DLF203G2	DLF203D2	570	515	712	660	130	103	26	
4	DLF204G2	DLF204D2	720	665	712	660	130	103	26	
5	DLF205G2	DLF205D2	870	815	712	660	130	103	26	
6	DLF206G2	DLF206D2	1020	965	712	660	130	103	26	
7	DLF207G2	DLF207D2	1170	1115	712	660	130	103	26	

* For hollow-wall mounting use the set ZKV200P4 (accessory)

DL160 compact distribution boards for wall-mounting

Weight and power loss



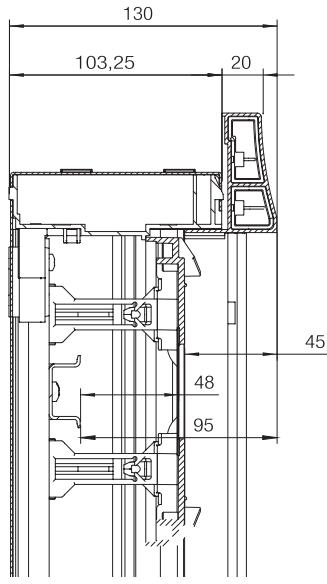
**Sectional view
wall-mounted compact
distribution boards**

Type	Weight in kg	Power loss by overtemperature $\Delta t_{1,0} \text{ 30K}$ in W
DLW103G1	11.90	49.30
DLW104G1	14.28	58.10
DLW203G1	13.36	57.10
DLW204G1	16.05	67.20
DLW205G1	18.74	52.30
DLW206G1	21.43	62.10
DLW207G1	24.14	71.10
DLW203G2	13.00	57.10
DLW204G2	15.74	67.20
DLW205G2	18.43	52.30
DLW206G2	21.12	62.10
DLW207G2	23.82	71.10
DLW103D1	12.16	49.30
DLW104D1	14.63	58.10
DLW203D1	13.67	57.10
DLW204D1	16.47	67.20
DLW205D1	19.26	52.30
DLW206D1	22.05	62.10
DLW207D1	24.85	71.10
DLW203D2	13.31	57.10
DLW204D2	16.16	67.20
DLW205D2	18.95	52.30
DLW206D2	21.74	62.10
DLW207D2	24.54	71.10
DLW203G	11.18	57.10
DLW204G	13.23	67.20
DLW205G	15.29	52.30
DLW206G	17.34	62.10
DLW207G	19.40	71.10
DLW203D	11.50	57.10
DLW204D	13.66	67.20
DLW205D	15.81	52.30
DLW206D	17.79	62.10
DLW207D	20.13	71.10

> Dimensions in mm

DL160 compact distribution boards for flush-mounting*

Weight and power loss



Sectional view
Flush- and hollow-wall mounted
compact distribution boards

Type	Weight	Power loss by overtemperature $\Delta t_{1,0} \text{ 30K}$
	in kg	in W
DLF103G1	9.78	31.40
DLF104G1	12.00	37.80
DLF203G1	11.10	37.00
DLF204G1	13.56	44.40
DLF205G1	15.97	51.70
DLF206G1	18.54	59.10
DLF207G1	21.00	66.40
DLF203G2	10.73	37.00
DLF204G2	13.25	44.40
DLF205G2	15.93	51.70
DLF206G2	18.23	59.10
DLF207G2	20.69	66.40
DLF103D1	9.99	31.40
DLF104D1	12.61	37.80
DLF203D1	11.41	37.00
DLF204D1	13.98	44.40
DLF205D1	16.49	51.70
DLF206D1	19.15	59.10
DLF207D1	21.72	66.40
DLF203D2	11.05	37.00
DLF204D2	13.66	44.40
DLF205D2	16.44	51.70
DLF206D2	18.84	59.10
DLF207D2	21.41	66.40
DLF203G	8.92	37.00
DLF204G	10.74	44.40
DLF205G	12.52	51.70
DLF206G	14.44	59.10
DLF207G	16.27	66.40
DLF203D	9.23	37.00
DLF204D	11.16	44.40
DLF205D	13.03	51.70
DLF206D	15.06	59.10
DLF207D	16.99	66.40

> Dimensions in mm

* For hollow-wall mounting use the set ZKV200P4 (accessory)

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