

# POWER DISTRIBUTION BLOCK Z-DP

## *indirect clamping*

100, 125 and 160A, 2–4 pole distribution blocks with 7, 14 and 12 ways per pole respectively. Accepting a wide cable CSA range (1 - 50 sqmm) and of compact size, ZETAblocks are ideal for control cabinets and distribution panels. The lateral arrangement of terminals on upper and lower faces (Z35-DP14B one face only), simplifies connection and promotes tidy, homogeneous cable routing to assist subsequent wiring operations. Easy entry apertures provide quick, effective cable insertion while the indirect clamping feature eliminates damage to cable strands and assures a low, stable contact resistance.



CERTIFICATES 



EN 60947-7-1:2009

# POWER DISTRIBUTION BLOCK **Z-DP**

## *Technical characteristics*


Material (Body)	Polycarbonate
Material (Clamps)	Electroplated galvanized steel
Material (Connection plate)	Tinned electrolytic copper electrolytically
Material (Screws)	Electroplated galvanized steel






# POWER DISTRIBUTION BLOCK Z-DP

## List of products




### Z-DP Cable type: flexible copper, Maximum section: 10 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z50-DP12-160	48 mm	150 mm	84 mm	1	780 g	6 kA	160 A	800 V	8 kV	18 kA	




### Z-DP Cable type: flexible copper, Minimum section: 1 mm<sup>2</sup>, Maximum section: 1 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	




### Z-DP Cable type: flexible copper, Minimum section: 1.5 mm<sup>2</sup>, Maximum section: 1.5 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	


**Z-DP** Cable type: flexible copper, Minimum section: 2.5 mm<sup>2</sup>, Maximum section: 2.5 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	





**Z-DP** Cable type: flexible copper, Minimum section: 4 mm<sup>2</sup>, Maximum section: 4 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	

**Z-DP** Cable type: flexible copper, Minimum section: 6 mm<sup>2</sup>, Maximum section: 6 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z50-DP12-160	48 mm	150 mm	84 mm	1	780 g	6 kA	160 A	800 V	8 kV	18 kA	

**Z-DP** Cable type: flexible copper, Minimum section: 10 mm<sup>2</sup>, Maximum section: 10 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z50-DP12-160	48 mm	150 mm	84 mm	1	780 g	6 kA	160 A	800 V	8 kV	18 kA	




**Z-DP** Cable type: flexible copper, Minimum section: 16 mm<sup>2</sup>, Maximum section: 16 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z50-DP12-160	48 mm	150 mm	84 mm	1	780 g	6 kA	160 A	800 V	8 kV	18 kA	

**Z-DP** Cable type: flexible copper, Minimum section: 25 mm<sup>2</sup>, Maximum section: 25 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z25-DP7-100	45 mm	70 mm	84 mm	2	290 g	3 kA	100 A	800 V	8 kV	18 kA	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z50-DP12-160	48 mm	150 mm	84 mm	1	780 g	6 kA	160 A	800 V	8 kV	18 kA	

**Z-DP** Cable type: flexible copper, Minimum section: 35 mm<sup>2</sup>, Maximum section: 35 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z35-DP14-125	46 mm	137 mm	83 mm	1	700 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z35-DP14B-125	46 mm	137 mm	44 mm	2	360 g	4.2 kA	125 A	800 V	8 kV	18 kA	
Z50-DP12-160	48 mm	150 mm	84 mm	1	780 g	6 kA	160 A	800 V	8 kV	18 kA	

**Z-DP** Cable type: flexible copper, Minimum section: 50 mm<sup>2</sup>, Maximum section: 50 mm<sup>2</sup>

Type	Height	Width	Length	Pack qty	Weight	Operating current (I <sub>cw</sub> )	Operating current (I <sub>n</sub> )	Impulse voltage of the insulation	Voltage pulse	Maximum allowed peak fault current (I <sub>pk</sub> )	
Z50-DP12-160	48 mm	150 mm	84 mm	1	780 g	6 kA	160 A	800 V	8 kV	18 kA	