

## Overview

### Product information



### DPD6/2.5-06P-12-00(Z)-11040001374

Direct insertion connection, rated voltage: 690V, rated current: 24A, connection capacity: 7, wiring capacity: 0.14-2.5mm<sup>2</sup> (load), 0.5mm<sup>2</sup>~10mm<sup>2</sup> (main line), AWG: 26~12 (load), 20AWG~8AWG (main line), width: 28.6mm, color: blue, installation method: NS35/15

### Product advantages

- ☑ Flexible splicing and bridging design
- ☑ Unique heat dissipation structure
- ☑ Universal installation method, suitable for various occasions
- ☑ Snap on identification structure, quick and stable installation

### Product certification

## Technical data

### Product drawing

### 3D model

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### Overview

Connection method	Push in connection
Number of rows	1
number of connections	7
Open-end side panels	no
Insulation Materials	PA
Flame retardant grade, in line with UL 94	V0
Insulating material group	I
standard test	IEC60947-7-1

### Dimension

width	28.6mm
Height	25.85mm
NS 35/7,5 Height	32.1mm
	39.7mm
Depth	22.35mm

#### Wiring data

Strip length	Power in:12mm~14mm,load:10mm~12mm
Conductor cross section solid AWG	Power in:20AWG~8AWG,load:26AWG~12AWG
Conductor cross section solid	Power in:0.5mm <sup>2</sup> ~10mm <sup>2</sup> ,load:0.14mm <sup>2</sup> ~4mm <sup>2</sup>
Conductor cross section flexible	Power in:0.5mm <sup>2</sup> ~10mm <sup>2</sup> ,load:0.14mm <sup>2</sup> ~2.5mm <sup>2</sup>
Conductor cross section flexible (ferrule without plastic sleeve)	Power in:0.5mm <sup>2</sup> ~6mm <sup>2</sup> ,load:0.14mm <sup>2</sup> ~2.5mm <sup>2</sup>
Conductor cross section flexible (ferrule with plastic sleeve)	Power in:0.5mm <sup>2</sup> ~6mm <sup>2</sup> ,load:0.14mm <sup>2</sup> ~2.5mm <sup>2</sup>
2 flexible conductors with a TWIN ferrule	Power in:0.5mm <sup>2</sup> ~1.5mm <sup>2</sup> ,load:/

#### IEC Electrical parameters

Rated voltage(III/3)	690V
Rated current(III/3)	Power in:41A,load:24A

#### IEC Electrical parameters

Rated surge voltage	8KV
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#### Environmental conditions

Ambient temperature (operation)	-40 °C ~ 105 °C (depending on derating curve)
Relative humidity (storage/transport)	25%~75%
Ambient temperature (storage / transport)	-25°C~60°C

#### Mechanical performance test

Rotational Pull Test	Passed the test
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Electrical performance test

Temperature rise test result	Passed the test
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Environmental protection

RoHS	No excessive harmful substances
REACH SVHC	Lead 7439-92-1

Accessories

Accessories

Same direction installation rail adapter	DPD-NS35A
Vertical installation rail adapter	DPD-NS15/35
Panel installation adapter	DPD-F
Identification cards	ZSF5
Bridge components	DFBSXX-5.2

Business data

Order number	11040001374
Packing unit	
Minimum order quantity	
Products weight (without packaging)	