

## Distribution block - PTFIX 6/12X2,5-NS35 GY - 3273088

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Distribution block, Block with vertical alignment and integrated supply, Connection method: Push-in connection, Push-in connection, Number of connections: 13, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 28.6 mm, Height: 28.7 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the version PTFIX 6/18X2,5-NS35 in gray

### Why buy this product

- ✓ Time savings of up to 80%, thanks to ready-to-mount blocks without manual bridging
- ✓ Time-saving conductor connection, thanks to tool-free Push-in direct connection technology
- ✓ Clear wiring, thanks to eleven different color variants
- ✓ Flexible use, thanks to DIN rail mounting, direct mounting or adhesive mounting
- ✓ Space savings of up to 50% on the DIN rail, thanks to transverse mounting

### Key Commercial Data

Packing unit	1
GTIN	
GTIN	4055626391014
Custom tariff number	85369010

### Technical data

#### General

Number of levels	1
Number of connections	13
Potentials	1
Nominal cross section	2.5 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W (the value is based on one connection block and is multiplied according to the pin assignment)

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### Technical data

#### General

Maximum load current	24 A
Nominal current $I_N$	24 A
Nominal voltage $U_N$	500 V
Maximum load current	57 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal current $I_N$	41 A (with 6 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	500 V
Open side panel	No

#### Dimensions

Width	28.6 mm
Length	58.1 mm
Height	28.7 mm
Height NS 35/7,5	32.1 mm
Height NS 35/15	39.6 mm

#### Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	6 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	20

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### Technical data

#### Connection data

Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
Stripping length	10 mm ... 12 mm

#### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60998-1
	IEC 60947-7-1/IEC 60998-1
Flammability rating according to UL 94	V0

### Drawings

#### Circuit diagram

