

Distribution block - PTFIX 6/18X2,5-G GY - 3273504

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Distribution block, Basic terminal block with supply, Connection method: Push-in connection, Push-in connection, Number of connections: 19, Cross section: 0.14 mm² - 4 mm², AWG: 26 - 12, Width: 56 mm, Height: 21.2 mm, Color: gray, Mounting type: Adhesive

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	 4 055626 393292
GTIN	4055626393292
Custom tariff number	85369010

Technical data

General

Number of levels	1
Number of connections	19
Potentials	1
Nominal cross section	2.5 mm ²
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)
Maximum load current	24 A

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Technical data

General

Nominal current I _N	24 A
Nominal voltage U _N	500 V
Maximum load current	57 A (with 10 mm ² conductor cross section)
Nominal current I _N	41 A (with 6 mm ² conductor cross section)
Nominal voltage U _N	500 V
Open side panel	No

Dimensions

Width	56 mm
Length	28.2 mm
Height	21.2 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 ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	2.5 mm ²
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 ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
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 ²
Conductor cross section solid max.	10 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	6 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²

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Connection data

Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm ²
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

