

Distribution block - PTFIX 6X4 GN - 3273798

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Distribution block, bridged internally, nom. voltage: 630 V, nominal current: 32 A, connection method: Push-in connection, number of connections: 6, cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, width: 18.5 mm, height: 21.7 mm, color: green, mounting type: NS 35/7,5, NS 35/15

Your advantages

- ✓ 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

RoHS

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4055626677682

Technical data

General

Note	Notes on operation The blocks can be bridged with one another via the conductor shaft. For corresponding plug-in bridges, see accessories
Number of levels	1
Number of connections	6
Potentials	1
Nominal cross section	4 mm ²
Color	green
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3

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Technical data

General

Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.02 W (the value is based on one connection block and is multiplied according to the pin assignment)
Ambient temperature (operation)	-60 °C ... 130 °C
Maximum load current	63 A
Maximum total current	41 A
Nominal current I_N	32 A
Nominal voltage U_N	630 V
Open side panel	No

Dimensions

Width	18.5 mm
Length	28.6 mm
Height	21.7 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60998-2-2
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.2 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 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 mm ²
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4

Standards and Regulations

Connection in acc. with standard	IEC 60998-2-2
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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Environmental Product Compliance

	No hazardous substances above threshold values
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Drawings

Circuit diagram



Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	32 A	32 A	
mm²/AWG/kcmil	24-10	24-10	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	32 A	32 A	
mm²/AWG/kcmil	24-10	24-10	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
Nominal voltage UN	600 V	600 V	

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Approvals

	B	C
Nominal current I _N	32 A	32 A
mm ² /AWG/kcmil	24-10	24-10

EAC



RU C-
DE.AI30.B.01102

cULus Recognized



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