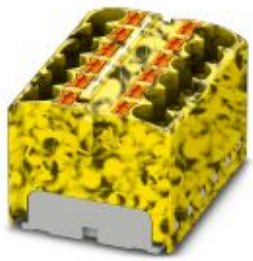
Distribution block - PTFIX 12X4-FE-G - 3273964

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Distribution block, bridged internally, nom. voltage: 450 V, nominal current: 32 A, connection method: Push-in connection, number of connections: 12, cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, width: 36.9 mm, height: 22.7 mm, color: black/yellow, mounting type: adhesive

Your advantages

- Space-saving, thanks to the compact design
- Flexible use, thanks to DIN rail and direct mounting
- Space-saving potential distribution, thanks to compact micro potential distributors
- Convenient test options, thanks to test openings at every terminal point
- Clear arrangement thanks to marking of all terminal points

RoHS

Key Commercial Data

Packing unit	8 pc
Minimum order quantity	8 pc
GTIN	4 055626 647272
GTIN	4055626647272

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	12
Potentials	1
Nominal cross section	4 mm²
Color	black/yellow
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	450 V
Open side panel	No

Dimensions

Width	36.9 mm
Length	28.6 mm
Height	22.7 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60998-2-2
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
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 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.2 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
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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Technical data

Environmental Product Compliance

	No hazardous substances above threshold values

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 IN	32 A	32 A
mm²/AWG/kcmil	24-10	24-10

EAC

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cULus Recognized

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