PTFIX 4X1,5 GY-EX - Distribution block

1221508

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Distribution block, Ex e-certified basic terminal block, mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: gray

Avantajele dumneavoastră

- Ex e certified
- Convenient test options, thanks to test openings at every terminal point
- Space-saving potential distribution, thanks to compact micro potential distributors
- Clear arrangement thanks to marking of all terminal points
- Flexible use, thanks to direct mounting with flange covers from accessories
- Space-saving, thanks to the compact design

Date tehnice

Notes

Notes on operation	the blocks can be bridged with one another via the conductor shaft, for corresponding plug-in bridges, see accessories

Product properties

Product type	Distributor terminal block
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.56 W

Connection data

Stripping length	8 mm ... 10 mm

Ex data

Rated data (ATEX/IECEx)

Identification	Ⓔx II 2 G Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	1049500 PTFIX 1,5-NS15A
	1049497 PTFIX 1,5-NS35
	1049503 PTFIX 1,5-F
	1050613 PTFIX 1,5-RZF
	3022263 CLIPFIX 15
	3022218 CLIPFIX 35
	1204504 SZF 0-0,4X2,5
List of bridges	Plug-in bridge / FBS 2-4 / 3030116
Bridge data	17.5 A (1.5 mm²)
Ex temperature increase	40 K (17.5 A / 1.5 mm²)
Rated insulation voltage when mounting on DIN rails	400 V
Rated insulation voltage when directly mounted on mounting surface	400 V
output	(Permanent)

Ex level General

Rated voltage when mounting on DIN rails	440 V
Rated voltage during direct mounting on mounting surface	440 V
Rated current	14.5 A (1.5 mm²)

Maximum load current	18 A (2.5 mm²)
Contact resistance	1.43 mΩ

Ex connection data General

Nominal cross section	1.5 mm²
Rated cross section AWG	26
Connection capacity rigid	0.14 mm² ... 2.5 mm²
Connection capacity AWG	26 ... 14
Connection capacity flexible	0.14 mm² ... 1.5 mm²
Connection capacity AWG	26 ... 16

Dimensions

Width	8.3 mm
Height	21.6 mm
Depth	17.7 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

Mounting type	for snapping onto a DIN rail adapter
	Direct mounting with flange
	Free-hanging

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