

Distribution block - PTVFIX 2X2,5 RD



1019463

<https://www.phoenixcontact.com/us/products/1019463>

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Distribution block, nominal current: 24 A, connection method: Push-in connection, 1 level, Rated cross section: 2.5 mm², cross section: 0.14 mm² - 4 mm², mounting type: for snapping onto a DIN rail adapter, Direct mounting with flange, Free-hanging, color: red

Your advantages

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

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Commercial Data

Item number	1019463
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to Order (non-returnable)
Product Key	BEA211
GTIN	4055626506401
Weight per Piece (including packing)	22.22 g
Weight per Piece (excluding packing)	22.22 g
Customs tariff number	85369010
Country of origin	PL

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Technical Data

Product properties

Product type	Distributor terminal block
Number of positions	1
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
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Connection data

Number of connections per level	2
Nominal cross section	2.5 mm ²

1 level

Stripping length	8 mm ... 10 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid	0.14 mm ² ... 4 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.14 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 2.5 mm ²
Nominal current	24 A
Maximum load current	32 A (with 4 mm ² conductor cross-section)
Nominal cross section	2.5 mm ²

1 level Connection cross sections directly pluggable

Conductor cross section solid	0.5 mm ² ... 4 mm ²
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.75 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 2.5 mm ²

Dimensions

Width	5.3 mm
Height	21.7 mm
Length	28.6 mm

Material specifications

Color	red
Flammability rating according to UL 94	V0
Insulating material group	I

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Insulating material	PA
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Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
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Mounting

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

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Drawings

Circuit diagram



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Classifications

ECLASS

ECLASS-11.0	27141120
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ETIM

ETIM 7.0	EC000897
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UNSPSC

UNSPSC 21.0	39121410
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Accessories

DIN rail adapter

DIN rail adapter - PTFIX-NS35 - 3274054

<https://www.phoenixcontact.com/us/products/3274054>

DIN rail adapter, length: 58.1 mm, width: 28.6 mm, height: 11 mm, color: gray



DIN rail adapter

DIN rail adapter - PTFIX-NS35A - 3274056

<https://www.phoenixcontact.com/us/products/3274056>

DIN rail adapter, length: 45.7 mm, width: 10.3 mm, height: 11.9 mm, color: gray



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DIN rail adapter

DIN rail adapter - PTFIX-NS35A-FIX - 3274057

<https://www.phoenixcontact.com/us/products/3274057>

DIN rail adapter, with end stop function, length: 45.7 mm, width: 10.3 mm, height: 12 mm, color: gray

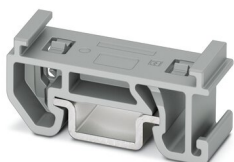


DIN rail adapter

DIN rail adapter - PTFIX-NS15A - 3274058

<https://www.phoenixcontact.com/us/products/3274058>

DIN rail adapter, length: 28.6 mm, width: 10.3 mm, height: 10.8 mm, color: gray



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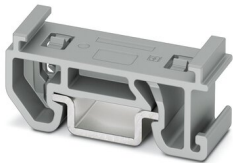


DIN rail adapter

DIN rail adapter - PTFIX-NS15A-FIX - 3274059

<https://www.phoenixcontact.com/us/products/3274059>

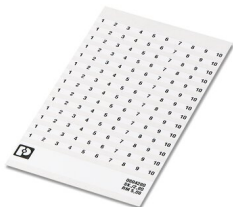
DIN rail adapter, with end stop function, length: 28.6 mm, width: 10.3 mm, height: 10.8 mm, color: gray



Marker card

Marker card - SK 2,8 REEL P5,2 WH CUS - 8199986

<https://www.phoenixcontact.com/us/products/8199986>



Marker card, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, for terminal block width: 5.2 mm, lettering field size: continuous x 2.8 mm

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Marker card

Marker card - SK 3,8 REEL P5,2 WH CUS - 8199989

<https://www.phoenixcontact.com/us/products/8199989>



Marker card, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, for terminal block width: 5.2 mm, lettering field size: continuous x 3.8 mm

Marker card

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906

<https://www.phoenixcontact.com/us/products/0803906>



Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 3.8 mm, Number of individual labels: 1440

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Marker card

Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883

<https://www.phoenixcontact.com/us/products/0803883>



Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 2.8 mm, Number of individual labels: 3600

Flange

Flange - PTFIX-F - 3274060

<https://www.phoenixcontact.com/us/products/3274060>



Flange, with screw-on fixing, length: 28.6 mm, width: 8.6 mm, height: 21.7 mm, color: gray

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Marking foil for zack marker strip

Marking foil for zack marker strip - TML (EX3,8)R - 0801837

<https://www.phoenixcontact.com/us/products/0801837>



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 30000 mm, lettering field size: 30000 x 3.8 mm, Number of individual labels: 1

Marking foil for zack marker strip

Marking foil for zack marker strip - TML (104X3,8)R - 0801833

<https://www.phoenixcontact.com/us/products/0801833>



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 104 mm, lettering field size: 104 x 3.8 mm, Number of individual labels: 2500

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Marking foil for zack marker strip

Marking foil for zack marker strip - TML (104X2,8)R - 0801832

<https://www.phoenixcontact.com/us/products/0801832>



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 104 mm, lettering field size: 104 x 2.8 mm, Number of individual labels: 2500

Marking foil for zack marker strip

Marking foil for zack marker strip - TML (EX2,8)R - 0801836

<https://www.phoenixcontact.com/us/products/0801836>



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 30000 mm, lettering field size: 30000 x 2.8 mm, Number of individual labels: 1

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Label

Label - MM-TML (EX3,8)R C1 WH/BK - 1092026

<https://www.phoenixcontact.com/us/products/1092026>



Label, Roll, white, unlabeled, can be labeled with: THERMOFOX, THERMOMARK GO, THERMOMARK GO.K, mounting type: adhesive, for terminal block width: 8000 mm, lettering field size: continuous x 2.8 mm

Plug-in bridge

Plug-in bridge - FBS 2-5 - 3030161

<https://www.phoenixcontact.com/us/products/3030161>



Plug-in bridge, pitch: 5.2 mm, color: red

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Plug-in bridge

Plug-in bridge - FBS 2-5 GN - 3032143

<https://www.phoenixcontact.com/us/products/3032143>



Plug-in bridge, pitch: 5.2 mm, color: green

Plug-in bridge

Plug-in bridge - FBS 2-5 BU - 3036877

<https://www.phoenixcontact.com/us/products/3036877>



Plug-in bridge, pitch: 5.2 mm, color: blue

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Plug-in bridge

Plug-in bridge - FBS 2-5 GY - 3038969

<https://www.phoenixcontact.com/us/products/3038969>

Plug-in bridge, pitch: 5.2 mm, color: gray



Marker for terminal blocks

Marker for terminal blocks - US-TML (104X3,8) - 0830768

<https://www.phoenixcontact.com/us/products/0830768>

Marker for terminal blocks, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 104 x 3.8 mm, Number of individual labels: 22



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Marker for terminal blocks

Marker for terminal blocks - US-TML (104X2,8) - 0830767

<https://www.phoenixcontact.com/us/products/0830767>



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: adhesive, lettering field size: 104 x 2.8 mm, Number of individual labels: 26

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