Marshalling patchboard - PTMC 1,5 /8-3 -DF

3001936

https://www.phoenixcontact.com/us/products/3001936

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Marshalling patchboard, nom. voltage: 500 V, nominal current: 10 A, connection method: Push-in connection, Rated cross section: 1.5 mm^2, cross section: 0.14 mm^2 - 2.5 mm^2, mounting: Wall mounting, color: gray

Your advantages

- Individual setup thanks to modular principle
- Tool-free wiring in a confined space thanks to compact size
- Individual color assignment of cable and terminal point to ensure error-free, safe operation
- High contact quality thanks to push-in technology as a replacement for Wire-Wrap®, TERMI-POINT®, etc.
- For mounting in a panel cutout
- Color configuration possible according to VDE 0812, VDE 0815, DIN 47100 or unlimited.

Commercial Data

Item number	3001936
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B02
Product Key	BE6212
Catalog Page	Page 68 (C-1-2019)
GTIN	4055626065984
Weight per Piece (including packing)	776.4 g
Weight per Piece (excluding packing)	776.4 g
Customs tariff number	85369010
Country of origin	PL

Technical Data

Product properties

Product type	Marshalling terminal
Number of positions	8
Number of connections	48
Number of rows	1

Insulation characteristics

Overvoltage category	III

Electrical properties

Maximum power dissipation for nominal condition	0.56 W

Connection data

Number of connections per level	48
Nominal cross section	1.5 mm²

Level 1

Stripping length	8 mm ... 10 mm
Conductor cross section solid	0.14 mm² ... 2.5 mm²
Cross section AWG	26 ... 14
Conductor cross section flexible	0.14 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG]	26 ... 14
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.14 mm² ... 1.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm² ... 1.5 mm²
Nominal current	10 A
Maximum load current	22 A
Nominal voltage	500 V
Nominal cross section	1.5 mm²

Level 1 Connection cross sections directly pluggable

Conductor cross section solid	0.34 mm² ... 2.5 mm²
Conductor cross section, solid [AWG]	20 ... 12
Conductor cross section flexible	0.34 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG]	14
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.34 mm² ... 1.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm² ... 1.5 mm²

Dimensions

Width	variable
Height	102 mm
Length	30 mm

Material specifications

Color	gray
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

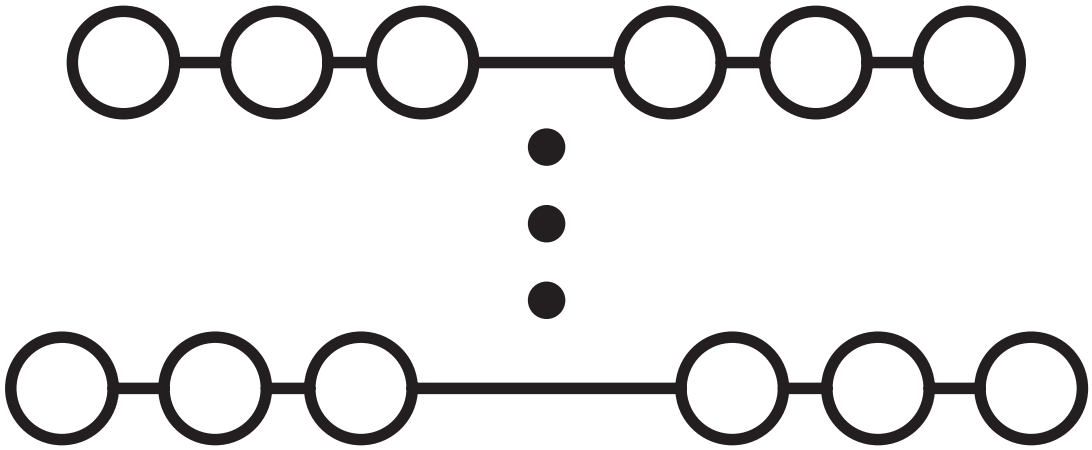
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Mounting

Mounting type	Wall mounting

Drawings

Circuit diagram



Approvals

CSA
Approval ID: 13631

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B				
	300 V	10 A	24 - 16	-
Use group C				
	300 V	10 A	24 - 16	-
Use group D				
	300 V	10 A	24 - 16	-

EAC
Approval ID: RU C-DE.AI30.B.01102

cULus Recognized
Approval ID: E60425

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B				
	300 V	10 A	24 - 16	-
Use group C				
	300 V	10 A	24 - 16	-

EAC
Approval ID: RU C-DE.BL08.B.00682

Classifications

ECLASS

ECLASS-9.0	27141120
ECLASS-10.0.1	27141120
ECLASS-11.0	27141120

ETIM

ETIM 8.0	EC000897

UNSPSC

UNSPSC 21.0	39121400

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Accessories

Screwdriver

Screwdriver - SZF 0-0,4X2,5 - 1204504

https://www.phoenixcontact.com/us/products/1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

Test plugs

Test plugs - MPS-MT - 0201744

https://www.phoenixcontact.com/us/products/0201744



Test plugs, with solder connection up to 1 mm^2 conductor cross section, color: gray

Actuation tool

Actuation tool - ST-BW 0 - 1200135

https://www.phoenixcontact.com/us/products/1200135



Actuation tool, for all 1.5 mm^2 spring cages from PT 1,5/S and FT 1,5/S

Insulating sleeve

Insulating sleeve - MPS-IH WH - 0201663

https://www.phoenixcontact.com/us/products/0201663

Insulating sleeve, color: white



Reducing plug

Reducing plug - RPS - 0201647

https://www.phoenixcontact.com/us/products/0201647



Reducing plug, color: gray

Insulating sleeve

Insulating sleeve - MPS-IH RD - 0201676

https://www.phoenixcontact.com/us/products/0201676

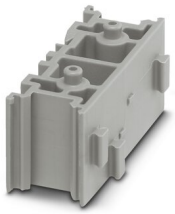
Insulating sleeve, color: red



Marker adapter

Marker adapter - DF-PTMC-3-ZB - 3270405

https://www.phoenixcontact.com/us/products/3270405



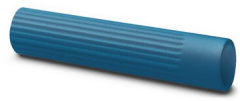
Marker adapter, for accommodating the marking, length: 30 mm, width: 12.2 mm, height: 13 mm, color: gray

Insulating sleeve

Insulating sleeve - MPS-IH BU - 0201689

https://www.phoenixcontact.com/us/products/0201689

Insulating sleeve, color: blue



Insulating sleeve

Insulating sleeve - MPS-IH YE - 0201692

https://www.phoenixcontact.com/us/products/0201692

Insulating sleeve, color: yellow



Insulating sleeve

Insulating sleeve - MPS-IH GN - 0201702

https://www.phoenixcontact.com/us/products/0201702

Insulating sleeve, color: green



Insulating sleeve

Insulating sleeve - MPS-IH GY - 0201728

https://www.phoenixcontact.com/us/products/0201728

Insulating sleeve, color: gray



Insulating sleeve

Insulating sleeve - MPS-IH BK - 0201731

https://www.phoenixcontact.com/us/products/0201731

Insulating sleeve, color: black



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