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Contact us

Marshalling patchboard - PTMC 1,5/32-2 - 3270314

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Marshalling patchboard, Nom. voltage: 500 V, Nominal current: 17.5 A, Cross section: 0.14 mm² - 2.5 mm², AWG: 12 - 26, Connection type: Push-in connection, Number of positions: 32, Number of connections: 128, Width: 44 mm, Length: 73.2 mm, Color: gray, Color of connection elements: gray/white, Assembly: Wall mounting

Why buy this product

☑ For mounting in a panel cutout

☑ High contact quality thanks to push-in technology as a replacement for Wire-Wrap®, TERMI-POINT®, etc.

☑ Tool-free wiring in a confined space thanks to compact size

☑ Clear representation of actuation and terminal points through vertical conductor routing

RoHS

Key Commercial Data

Packing unit	1 STK
Custom tariff number	85366990
Country of origin	Poland

Technical data

Environmental Product Compliance

China RoHS	No hazardous substances above threshold values

General

Note	Labeled from 1 - 32
Number of positions	32
Number of levels	1
Number of connections	128
Nominal cross section	1.5 mm²
Color	gray
Color of connection elements	gray/white
Insulating material	PA

Marshalling patchboard - PTMC 1,5/32-2 - 3270314

Technical data

General

Flammability rating according to UL 94	V0
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	22 A (With a conductor cross section of 2.5 mm² and extensive wiring)
	12 A (With a conductor cross section of 2.5 mm² and wiring in a confined space)
Nominal current I_N	17.5 A
Nominal voltage U_N	500 V
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Dimensions

Width	44 mm
Length	73.2 mm
Height	30 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section AWG min.	26

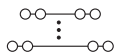# Marshalling patchboard - PTMC 1,5/32-2 - 3270314

Technical data

Connection data

Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm²
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1

Standards and Regulations
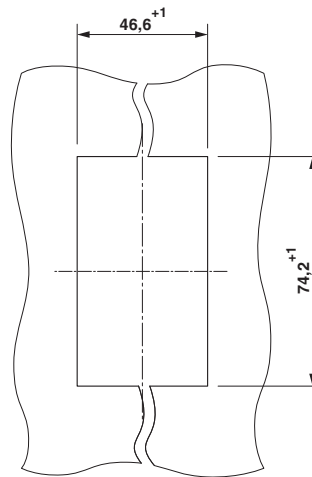
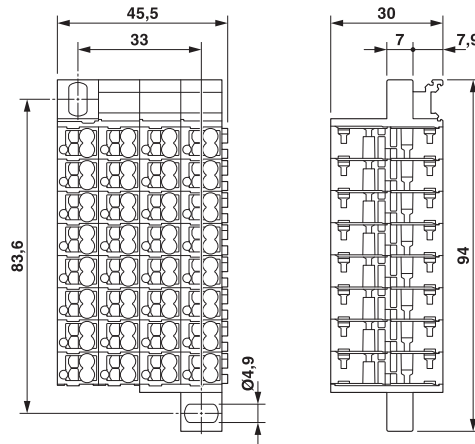|	
Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

Drawings

Circuit diagram

Dimensional drawing

Panel cutout

Marshalling patchboard - PTMC 1,5/32-2 - 3270314

Dimensional drawing

Classifications

eCl@ss

eCl@ss 5.1	27141124
eCl@ss 6.0	27141124
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 5.0	EC000897

Accessories

Accessories

Bridge

Wire bridge - DB 50- 90 BU - 2821180

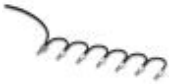Wire bridge, Color: blue

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CONTACT

Marshalling patchboard - PTMC 1,5/32-2 - 3270314

Accessories

Wire bridge - DB 50- 90 BK - 2820916

Wire bridge, Color: black

Wire bridge - DB 50- 90 GY - 2820929

Wire bridge, Color: gray

Wire bridge - DB 50- 90 RD - 2864639

Wire bridge, Color: red

Mounting material

Flange cover - DF-PTMC-O - 3270400

Flange cover, for direct mounting above, Length: 30 mm, Width: 22 mm, Height: 13 mm, Color: gray

Flange cover - DF-PTMC-U - 3270401

Flange cover, for direct mounting below, Length: 29.1 mm, Width: 22 mm, Height: 12.8 mm, Color: gray

Marshalling patchboard - PTMC 1,5/32-2 - 3270314

Accessories

Adapter - DF-PTMC-NS - 3270403

Adapter, for mounting on a DIN rail, Length: 64 mm, Width: 22 mm, Color: gray

Marker adapter - DF-PTMC-ZB - 3270410

Marker adapter, for accommodating the marking, Length: 30 mm, Width: 11 mm, Height: 13 mm, Color: gray

Screwdriver tools

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

Screwdriver - ST-BW 0 - 1200135

Actuation tool, for all 1.5 mm² spring cages from PT 1,5/S and FT 1,5/S