

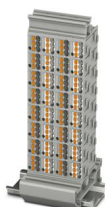
PTMC 1,5 /1-3 -NS - Marshalling patchboard



3001905

<https://www.phoenixcontact.com/sg/products/3001905>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Marshalling patchboard, nom. voltage: 500 V, nominal current: 10 A, connection method: Push-in connection, Rated cross section: 1.5 mm², cross section: 0.14 mm² - 2.5 mm², mounting: NS 35/7,5, NS 35/15, color: gray

Your advantages

- For mounting on a DIN rail
- Individual setup thanks to modular principle
- Color configuration possible according to VDE 0812, VDE 0815, DIN 47100 or unlimited.
- 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.
- Tool-free wiring in a confined space thanks to compact size

Commercial data

Item number	3001905
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	BE6212
Catalog page	Page 68 (C-1-2019)
GTIN	4055626065557
Weight per piece (including packing)	97.2 g
Weight per piece (excluding packing)	97.2 g
Customs tariff number	85369010
Country of origin	PL

PTMC 1,5 /1-3 -NS - Marshalling patchboard



3001905

<https://www.phoenixcontact.com/sg/products/3001905>

Technical data

Product properties

Product type	Marshalling terminal
Number of positions	1
Number of connections	6
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	6
Nominal cross section	1.5 mm ²

Level 1

Stripping length	8 mm ... 10 mm
Conductor cross section rigid	0.14 mm ² ... 2.5 mm ²
Cross section AWG	26 ... 14 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	26 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.14 mm ² ... 1.5 mm ²
Nominal current	10 A
Maximum load current	22 A
Nominal voltage	500 V
Nominal cross section	1.5 mm ²

Level 1 Connection cross sections directly pluggable

Conductor cross section rigid	0.34 mm ² ... 2.5 mm ²
Conductor cross section, rigid [AWG]	20 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.34 mm ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm ² ... 1.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.34 mm ² ... 1.5 mm ²

Dimensions

Width	variable
Height	63 mm
Depth on NS 35/7,5	26.2 mm
Depth on NS 35/15	33.7 mm

PTMC 1,5 /1-3 -NS - Marshalling patchboard



3001905

<https://www.phoenixcontact.com/sg/products/3001905>

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

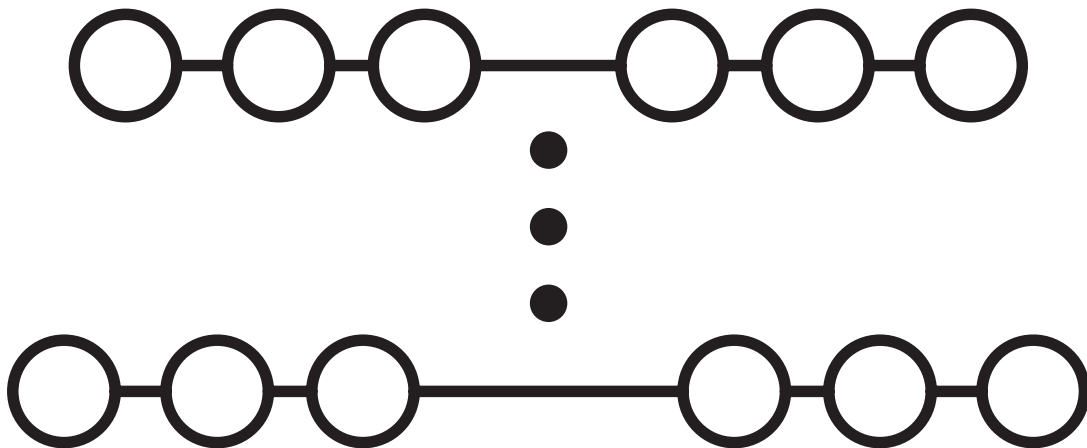
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30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

Mounting

Mounting type	NS 35/7,5
	NS 35/15

Drawings

Circuit diagram



PTMC 1,5 /1-3 -NS - Marshalling patchboard



3001905

<https://www.phoenixcontact.com/sg/products/3001905>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3001905>

 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.BL08.B.00682				
---	--	--	--	--

 cULus Recognized Approval ID: E60425				
--	--	--	--	--

 cULus Recognized Approval ID: E60425				
--	--	--	--	--

PTMC 1,5 /1-3 -NS - Marshalling patchboard



3001905

<https://www.phoenixcontact.com/sg/products/3001905>

Classifications

ECLASS

ECLASS-13.0	27250106
-------------	----------

ETIM

ETIM 9.0	EC000897
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

PTMC 1,5 /1-3 -NS - Marshalling patchboard



3001905

<https://www.phoenixcontact.com/sg/products/3001905>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.
105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg