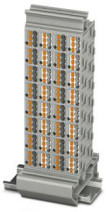
PTMC 1,5 /6-3 -NS - Marshalling patchboard

3001911

https://www.phoenixcontact.com/us/products/3001911

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The figure shows a version of the article

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: NS 35/7,5, NS 35/15, color: gray

Your advantages

- Individual setup thanks to modular principle
- Tool-free wiring in a confined space thanks to compact size
- 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.
- For mounting on a DIN rail

Commercial data

Item number	3001911
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BE63
Product key	BE6212
GTIN	4055626065809
Weight per piece (including packing)	184.3 g
Weight per piece (excluding packing)	184.3 g
Customs tariff number	85369010
Country of origin	PL

Technical data

Product properties

Product type	Marshalling terminal
Number of positions	6
Number of connections	36
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	36
Nominal cross section	1.5 mm²

Level 1

Connection method	Push-in connection
Stripping length	8 mm ... 10 mm
Conductor cross-section rigid	0.14 mm² ... 2.5 mm²
Cross section AWG	26 ... 14 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	26 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm² ... 1.5 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm² ... 1.5 mm²
Nominal cross section	1.5 mm²
Nominal current	10 A
Maximum load current	22 A
Nominal voltage	500 V

Level 1 Connection cross sections directly pluggable

Conductor cross-section rigid	0.34 mm² ... 2.5 mm²
Conductor cross-section, rigid [AWG]	20 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.34 mm² ... 1.5 mm²
Conductor cross-section, flexible [AWG]	14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without 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	63 mm
Depth on NS 35/7,5	87.2 mm
Depth on NS 35/15	94.7 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

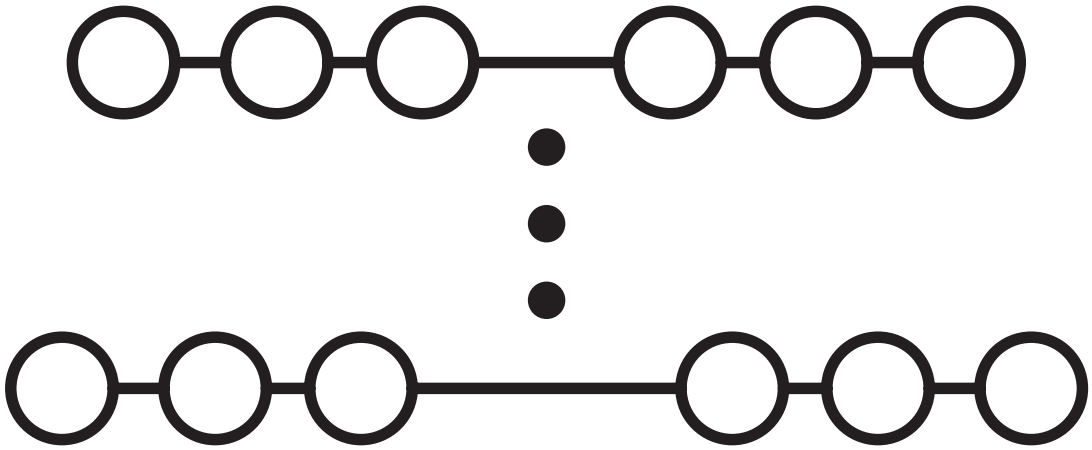
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30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

Mounting

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

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3001911

CSA
Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	10 A	24 - 16	-
C				
	300 V	10 A	24 - 16	-
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

Classifications

ECLASS

ECLASS-13.0	27250106
ECLASS-15.0	27250106

ETIM

ETIM 10.0	EC000897

UNSPSC

UNSPSC 21.0	39121400

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%

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