

# FTMC 1,5 /7-2 -DF - Marshalling patchboard



3001990

<https://www.phoenixcontact.com/sg/products/3001990>

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Marshalling patchboard, without actuating push button, nom. voltage: 500 V, nominal current: 10 A, connection method: Push-in connection, Rated cross section: 1.5 mm<sup>2</sup>, cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, mounting: Panel mounting, color: gray

## Your advantages

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

## Commercial data

Item number	3001990
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)
Weight per piece (including packing)	9.99 g
Weight per piece (excluding packing)	9.99 g
Customs tariff number	85369010
Country of origin	PL

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## Technical data

### Product properties

Product type	Marshalling terminal
Number of positions	7
Number of connections	28
Number of rows	1

### Insulation characteristics

Overvoltage category	III
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### Electrical properties

Maximum power dissipation for nominal condition	0.56 W
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### Connection data

Number of connections per level	28
Nominal cross section	1.5 mm <sup>2</sup>

#### Level 1

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

#### Level 1 Connection cross sections directly pluggable

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

### Dimensions

Width	variable
Height	64.6 mm

### Material specifications

Color	gray (RAL 7042)
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Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

### Ambient conditions

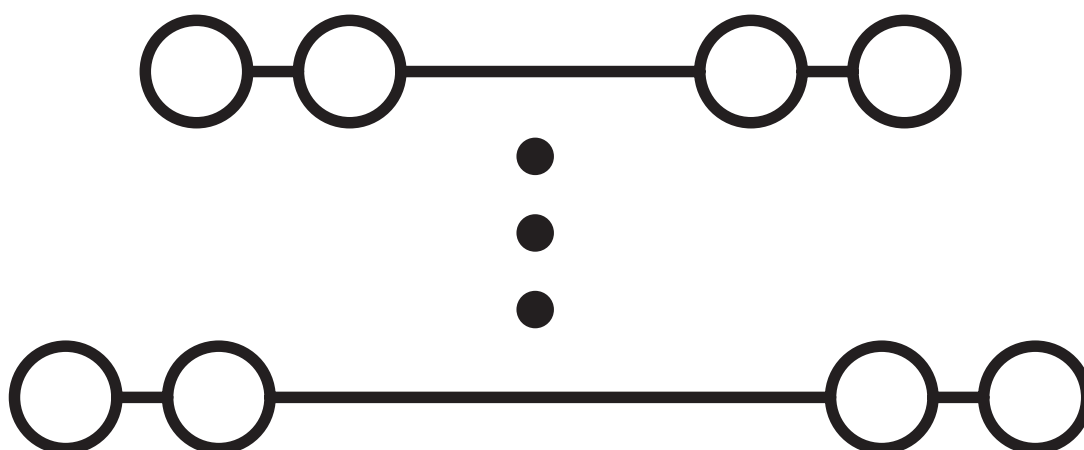
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30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

## Mounting

Mounting type	Panel mounting
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## Drawings

Circuit diagram



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## Classifications

### ETIM

ETIM 8.0	EC000897
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

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