

FTMC 1,5 /8-2 -DF - Marshalling patchboard



3001991

<https://www.phoenixcontact.com/sg/products/3001991>

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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 mm², cross section: 0.14 mm² - 2.5 mm², mounting: Panel mounting, color: gray

Your advantages

- 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
- 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.

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 3001991 |
| 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 | 8 |
| Number of connections | 32 |
| 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 | 32 |
| 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 | 73.2 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 |
|-----------------|----|

Environmental and real-life conditions

Ambient conditions

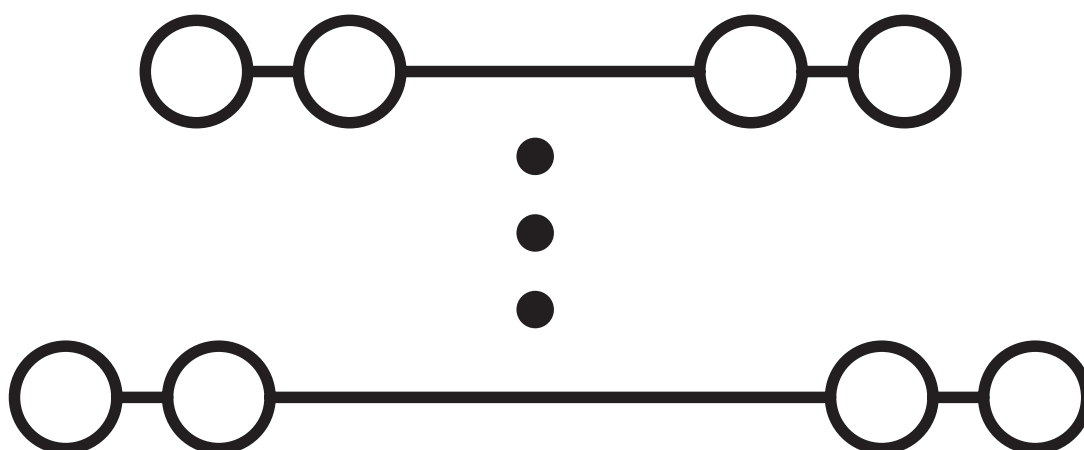
| | |
|------------------------------------------|---------------------------------------------------------------------------|
| Ambient temperature (operation) | -60 °C ... 85 °C |
| Ambient temperature (storage/transport) | -25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| 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 |
|---------------|----------------|

Drawings

Circuit diagram



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Classifications

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC000897 |
|----------|----------|

UNSPSC

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

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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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