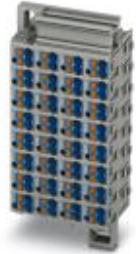


Marshalling patchboard - PTMC 1,5/32-2 /BU - 3270315

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Marshalling patchboard, Nom. voltage: 500 V, Nominal current: 17.5 A, Cross section: 0.14 mm² - 2.5 mm², AWG: 14 - 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: blue, Assembly: Wall mounting

Why buy this product

- ✓ Blue design for use in EXi areas
- ✓ 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



Key Commercial Data

| | |
|----------------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 058368 |
| GTIN | 4055626058368 |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| | |
|-----------------------|---------------------|
| Note | Labeled from 1 - 32 |
| Number of positions | 32 |
| Number of levels | 1 |
| Number of connections | 128 |
| Nominal cross section | 1.5 mm ² |
| Color | gray |

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Technical data

General

| | |
|---|---|
| Color of connection elements | blue |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Maximum load current | 24 A (for a conductor cross section of 2.5 mm ² , the total current of all connected conductors must not exceed the maximum load current.) |
| | 12 A (for a conductor cross section of 2.5 mm ² , the total current of all connected conductors must not exceed the maximum load current.) |
| 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) | 27,5 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 |

Marshalling patchboard - PTMC 1,5/32-2 /BU - 3270315

Technical data

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| 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 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 1.5 mm ² |
| 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 |

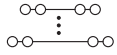
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

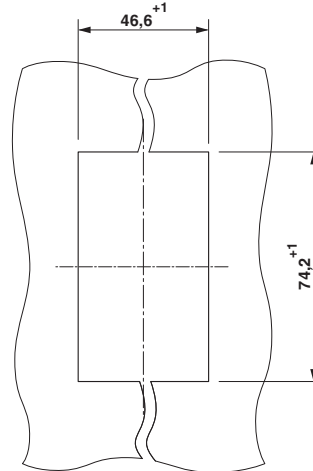
Drawings

Marshalling patchboard - PTMC 1,5/32-2 /BU - 3270315

Circuit diagram

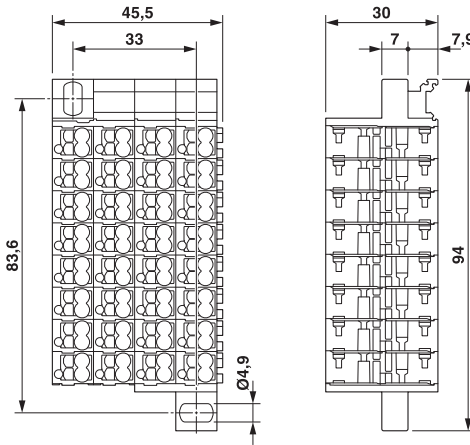


Dimensional drawing



Panel cutout

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 |
|----------|----------|

Marshalling patchboard - PTMC 1,5/32-2 /BU - 3270315

Classifications

ETIM

| | |
|----------|----------|
| ETIM 6.0 | EC000897 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121410 |
|-------------|----------|

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|---|---|--------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | |
| mm ² /AWG/kcmil | 24-16 | 24-16 | |
| Nominal current I _N | 10 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| | | | |
|--------------------------------|---|---|--------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | C | |
| mm ² /AWG/kcmil | 24-16 | 24-16 | |
| Nominal current I _N | 10 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| | | |
|------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|---|---|

Marshalling patchboard - PTMC 1,5/32-2 /BU - 3270315

Accessories

Accessories

Bridge

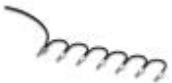
Wire bridge - DB 50- 90 BU - 2821180

Wire bridge, Color: blue



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

Marshalling patchboard - PTMC 1,5/32-2 /BU - 3270315

Accessories

Flange cover - DF-PTMC-O - 3270400



Flange cover, For direct mounting on top and for accommodating the marking, 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

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 direct mounting on top and 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

Marshalling patchboard - PTMC 1,5/32-2 /BU - 3270315

Accessories

Screwdriver - ST-BW 0 - 1200135



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

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