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Especialistas en Automatización

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Ground modular terminal block - PTMED 4-PE - 3212154

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Ground modular terminal block, Connection method: Push-in connection, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Height: 48.8 mm, Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15

Key Commercial Data

| | |
|--------------|---------------------|
| Packing unit | 50 STK |
| GTIN | 4 046356 661911 |

Technical data

General

| | |
|--------------------------------------------------|--------------------------------------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 4 mm ² |
| Color | green-yellow |
| 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 |
| Connection in acc. with standard | IEC 60947-7-2 |
| Open side panel | Yes |
| Shock protection test specification | DIN EN 50274 (VDE 0660-514):2002-11 |
| Back of the hand protection | guaranteed |
| Finger protection | guaranteed |
| Oscillation, broadband noise test result | Test passed |
| Test specification, oscillation, broadband noise | DIN EN 50155 (VDE 0115-200):2008-03 |
| Test spectrum | Service life test category 2, bogie mounted |
| Test frequency | f ₁ = 5 Hz to f ₂ = 250 Hz |
| ASD level | 6.12 (m/s ²) ² /Hz |
| Acceleration | 3.12 g |
| Test duration per axis | 5 h |

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Technical data

General

| | |
|-------------------------------------------------------------------------|-------------------------------------|
| Test directions | X-, Y- and Z-axis |
| Shock test result | Test passed |
| Test specification, shock test | DIN EN 50155 (VDE 0115-200):2008-03 |
| Shock form | Half-sine |
| Acceleration | 30g |
| Shock duration | 18 ms |
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Static insulating material application in cold | -60 °C |

Dimensions

| | |
|------------------|---------|
| Width | 6.2 mm |
| End cover width | 2.2 mm |
| Length | 70.5 mm |
| Height | 48.8 mm |
| Height NS 35/7,5 | 49.5 mm |
| Height NS 35/15 | 57 mm |

Connection data

| | |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------|
| Note | Please observe the current carrying capacity of the DIN rails. |
| Connection method | Push-in connection |
| Connection in acc. with standard | IEC 60947-7-2 |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Min. AWG conductor cross section, flexible | 24 |
| Max. AWG conductor cross section, flexible | 12 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm ² |
| Stripping length | 10 mm ... 12 mm |
| Internal cylindrical gage | A4 |

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Technical data

Standards and Regulations

| | |
|----------------------------------------|---------------|
| Connection in acc. with standard | CUL |
| | IEC 60947-7-2 |
| Flammability rating according to UL 94 | V0 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141118 |
| eCl@ss 4.1 | 27141118 |
| eCl@ss 5.0 | 27141118 |
| eCl@ss 5.1 | 27141118 |
| eCl@ss 6.0 | 27141141 |
| eCl@ss 7.0 | 27141141 |
| eCl@ss 8.0 | 27141141 |
| eCl@ss 9.0 | 27141141 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000901 |
| ETIM 3.0 | EC000901 |
| ETIM 4.0 | EC000901 |
| ETIM 5.0 | EC000901 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / CSA / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

| | | | |
|----------------------------|-------|-------|-------|
| UL Recognized | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 24-10 | 24-10 | 24-10 |

| | | | |
|----------------------------|-------|-------|-------|
| cUL Recognized | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 24-10 | 24-10 | 24-10 |

| |
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| EAC |
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| | |
|----------------------------|-------|
| CSA | |
| | |
| mm ² /AWG/kcmil | 24-10 |

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

Drawings

Circuit diagram





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