

Connector housing - CP 2,5-4L - 3041956

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Connector housing, nom. voltage: 250 V, nominal current: 10 A, connection method: Plug connection, number of connections: 4, number of positions: 4, cross section: 0.5 mm² - 2.5 mm², AWG: 20 - 14, width: 5.2 mm, height: 13 mm, color: gray, mounting type: Plug-in mounting

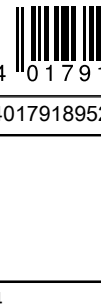
Your advantages

- Can be labeled at each terminal point
- Four feed-through levels
- Design width of just 5.2 mm



COMPLIANT

Key Commercial Data

| | |
|--------------|--|
| Packing unit | 50 pc |
| GTIN |  4 017918 952778 |
| GTIN | 4017918952778 |

Technical data

General

| | |
|--|---|
| Number of positions | 4 |
| Number of levels | 1 |
| Number of connections | 4 |
| Potentials | 4 |
| Nominal cross section | 2.5 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Maximum load current | 10 A (with a 2.5 mm ² conductor cross section) |
| Rated surge voltage | 4 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |

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Technical data

General

| | |
|---|---|
| Maximum power dissipation for nominal condition | 0.77 W |
| Maximum load current | 10 A (with a 2.5 mm ² conductor cross section) |
| Nominal current I _N | 10 A |
| Nominal voltage U _N | 250 V |
| Open side panel | No |
| Ambient temperature (operation) | -40 °C ... 160 °C |
| 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 |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 27,5 MJ/kg |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |
| 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 | 5.2 mm |
| Length | 23.5 mm |
| Height | 13 mm |
| Drill hole spacing | 6.15 mm |

Connection data

| | |
|--|---------------------|
| Connection method | Plug connection |
| Stripping length | 10 mm |
| Connection in acc. with standard | IEC 61984 |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 14 |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Min. AWG conductor cross section, flexible | 20 |
| Max. AWG conductor cross section, flexible | 14 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |

Standards and Regulations

| | |
|----------------------------------|-----------|
| Connection in acc. with standard | CUL |
| | IEC 61984 |

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Technical data

Standards and Regulations

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

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440202 |
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27141100 |
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27141100 |
| eCl@ss 7.0 | 27141106 |
| eCl@ss 8.0 | 27440202 |
| eCl@ss 9.0 | 27440202 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| ETIM 4.0 | EC001284 |
| ETIM 5.0 | EC000437 |
| ETIM 6.0 | EC001284 |
| ETIM 7.0 | EC001284 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211802 |
| UNSPSC 7.0901 | 39121402 |
| UNSPSC 11 | 39121402 |
| UNSPSC 12.01 | 39121402 |
| UNSPSC 13.2 | 39121409 |
| UNSPSC 18.0 | 31261501 |
| UNSPSC 19.0 | 31261501 |
| UNSPSC 20.0 | 31261501 |
| UNSPSC 21.0 | 31261501 |

Approvals

Approvals

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Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / BV / cULus Recognized

Ex Approvals

Approval details

| | | | |
|----------------------------|--|---|--------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | | B | D |
| Nominal voltage UN | | 300 V | 300 V |
| Nominal current IN | | 10 A | 10 A |
| mm ² /AWG/kcmil | | 20-14 | 20-14 |

| | | | |
|----------------------------|--|---|--------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | | B | D |
| Nominal voltage UN | | 300 V | 300 V |
| Nominal current IN | | 10 A | 10 A |
| mm ² /AWG/kcmil | | 20-14 | 20-14 |

| | | |
|-----|--|---------------|
| EAC | | EAC-Zulassung |
|-----|--|---------------|

| | | |
|-----|--|----------------------|
| EAC | | RU C-DE.A*30.B.01742 |
|-----|--|----------------------|

| | | | |
|----|--|---|-------------|
| BV | | http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials | 13403/D0 BV |
|----|--|---|-------------|

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

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Accessories

Accessories

Connector

Female insert - STG-MTN 0,5-1,0 - 3190438



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 0.5 mm² ... 1.0 mm² conductors

Female insert - STG-MTN 1,5-2,5 - 3190506



Module socket contact, inserted in the PCC or HCC plug housing after crimping the conductor, for 1.5 mm² ... 2.5 mm² conductors

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