



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Bolt connection terminal block - RSC 4-F/8 - 3059197

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Feed-through terminal block with bolt connection method, cross section: 0.1 - 6 mm², AWG: 26 - 10, width 9 mm, color: gray

Image shows the 4-pos. version

Why buy this product

- Large-surface, consistent external and center labeling
- Mounting on standard DIN rails or directly in control boxes
- Compact screw connection of ring and fork-type cable lugs
- Cover profile that can be snapped directly onto the terminal blocks provides touch-proof protection
- Screw nuts and current bars are latched in the insulating housing and cannot be removed
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact
- Bridge shaft for potential distribution using standard screw bridges



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 1 STK |
| GTIN | |
| GTIN | 4046356534819 |

Technical data

General

| | |
|--|-------------------|
| Number of levels | 1 |
| Number of connections | 16 |
| Potentials | 8 |
| Nominal cross section | 4 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |

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Technical data

General

| | |
|---|-------------|
| Overvoltage category | III |
| Insulating material group | I |
| Maximum power dissipation for nominal condition | 1.02 W |
| Maximum load current | 32 A |
| Nominal current I _N | 32 A |
| Nominal voltage U _N | 800 V |
| Open side panel | Yes |
| 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 |
| 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) | 28 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 | 89.8 mm |
| Length | 53.3 mm |
| Height | 37 mm |
| Pitch | 9 mm |

Connection data

| | |
|---|---------------------|
| Note | Connection bolts |
| Connection method | Bolt connection |
| Conductor cross section flexible min. | 0.1 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Min. AWG conductor cross section, flexible | 26 |
| Max. AWG conductor cross section, flexible | 10 |
| Cable lug connection according to standard | DIN 46234 |
| Min. cross section for cable lug connection | 0.1 mm ² |
| Max. cross section for cable lug connection | 6 mm ² |
| Hole diameter, min. | 4.3 mm |

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Technical data

Connection data

| | |
|---|---------------------|
| Cable lug width, max. | 8 mm |
| Bolt diameter | 4 mm |
| Cable lug connection according to standard | DIN 46237 |
| Min. cross section for cable lug connection | 0.5 mm ² |
| Max. cross section for cable lug connection | 2.5 mm ² |
| Hole diameter, min. | 4.3 mm |
| Cable lug width, max. | 8 mm |
| Bolt diameter | 4 mm |
| Screw thread | M4 |
| Tightening torque, min | 1.2 Nm |
| Tightening torque max | 1.4 Nm |

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 |

Drawings

Circuit diagram



Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / 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 | |
| Nominal current I _N | 30 A | 30 A | |

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Approvals

| | B | C |
|--------------------|-------|-------|
| Nominal voltage UN | 600 V | 600 V |

| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
|--------------------|---|---|--------------|
| | B | C | |
| Nominal current IN | 30 A | 30 A | |
| Nominal voltage UN | 600 V | 600 V | |

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

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

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>