



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!



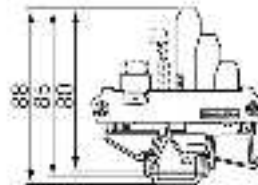
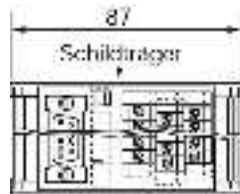
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General ordering data

| | |
|------------------|---|
| Order No. | 8019920000 |
| Part designation | RS SD50B LP3R |
| Version | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 50 |
| EAN | 4008190108922 |
| Qty. | 1 pc(s). |

Connection data

| | |
|---|--------------------------|
| Connection on control side | D-SUB, acc. to IEC 807-2 |
| Connection on process side | PCB terminal LP3R |
| Contact assembly | 50-pole |
| Design | Socket connector |
| Implementation of connection level / plug connector | 1:1 |

Ratings

| | |
|-----------------------------------|---------------------|
| Ambient temperature (operational) | 0 °C...+55 °C |
| Number of signals | 50 |
| Rated control voltage | 125 V AC/ 150 V DC |
| Rated cross-section | 2.5 mm ² |
| Rated current per connection | 1.5 A |
| Storage temperature | -40 °C...+70 °C |
| Test torque | 0.5 Nm |
| Test voltage (~eff) | 0.6 kV |

Insulation coordination (EN 50 178)

| | |
|----------------------|-----|
| Overvoltage category | III |
| Pollution severity | 2 |

Connection cross-section

| | |
|-------------------------|---------------------|
| Flexible, max. (H07V-U) | 2.5 mm ² |
| Flexible, max. AEHK | 2.5 mm ² |
| Flexible, min. (AEHK) | 0.5 mm ² |
| Flexible, min. (H07V-U) | 0.5 mm ² |

Connection cross-section

| | |
|----------------------|---------------------|
| Solid, max. (H07V-U) | 4 mm ² |
| Solid, min. (H07V-U) | 0.5 mm ² |
| Stripping length | 7 mm |

Dimensions

| | |
|----------------------|---------------------|
| Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.5 mm ² |
| Clamping range, nom. | 2.5 mm ² |
| Length | 87 mm |
| Height | 80 mm |
| Width | 100 mm |

Approvals

| | |
|----------------------|------|
| Approvals institutes | n.a. |
|----------------------|------|

Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC001419 |
| ETIM 3.0 | EC001419 |
| eClass 4.1 | 27-24-04-04 |
| eClass 5.0 | 27-24-22-04 |
| eClass 5.1 | 27-24-22-04 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------------|---|
| 8005211001 | RS SD15B UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8005201001 | RS SD15S UNC 4.40 | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8003901001 | RS SD9S UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8003881001 | RS SD37S UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8003911001 | RS SD9B UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8005191001 | RS SD25B UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8005181001 | RS SD25S UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8003891001 | RS SD37B UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8005171001 | RS SD50B UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8005161001 | RS SD50S UNC 4.40 LP2N | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8019930000 | RS SD9S LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8019940000 | RS SD15S LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 15 |
| 8019950000 | RS SD25S LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 25 |
| 8019960000 | RS SD37S LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 37 |
| 8019970000 | RS SD50S LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 50 |
| 8019880000 | RS SD9B LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9 |
| 8019890000 | RS SD15B LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 15 |
| 8019900000 | RS SD25B LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 25 |
| 8019910000 | RS SD37B LP3R | Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 37 |