

OMNIMATE Signal - series RSV RSV1,6 LBF4 GR 3,2 SN

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



Rectangular plug-in male and female connector with solder contacts for PCB applications. High connection density achieved by using several rows and crimp contacts in the mating connector. The plug-in connectors can be coded and locked to the mating connector.

Supplied in cardboard box.

- 500 V (IEC) / 300 V (UL)
- 14 A (IEC) / 10 A (UL)

General ordering data

| | |
|--------------|---|
| Type | RSV1,6 LBF4 GR 3,2 SN |
| Order No. | 1440700000 |
| Version | PCB plug-in connector, female header, 5.00 mm, No. of poles: 4, Solder pin length (l): 3.2 mm, tinned, Pebble grey, Box |
| GTIN (EAN) | 4008190047870 |
| Qty. | 100 pc(s). |
| Product data | IEC: 500 V / 14 A UL: 300 V / 10 A |
| Packaging | Box |

Erstellungs-Datum January 13, 2014 9:00:29 AM CET

OMNIMATE Signal - series RSV RSV1,6 LBF4 GR 3,2 SN

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

Dimensions and weights

Net weight 3.45 g

System parameters

| | | | |
|---------------------------------|------------------------------|---|-------------|
| Product family | OMNIMATE Signal - series RSV | Pitch in mm (P) | 5 mm |
| Pitch in inches (P) | 0.197 inch | No. of poles | 4 |
| Solder pin length (l) | 3.2 mm | Pin dimensions | d = 0.97 mm |
| Solder eyelet hole diameter (D) | 1.3 mm | Solder eyelet hole diameter tolerance (D) | + 0,1 mm |
| L1 in mm | 5 mm | L1 in inches | 0.197 inch |

Material data

| | | | |
|---------------------------|------------|------------------|-------------|
| Insulating material | Wemid (PA) | Colour | Pebble grey |
| UL 94 flammability rating | V-0 | Contact material | Cu-Leg |
| Contact surface | tinned | | |

DIN IEC rating data

| | | | |
|--|-------------------|---|--------|
| Rated current, min. no. of poles (Tu=20°C) | 14 A | Rated current, max. no. of poles (Tu=20°C) | 10 A |
| Rated current, number of poles (Tu=40°C), min | 12 A | Rated current, number of poles (Tu=40°C), max. | 8.5 A |
| Rated voltage for surge voltage class pollution degree III/3 | 250 V | Rated impulse voltage for surge voltage classcontamination degree III/3 | 4 kV |
| Rated voltage for surge voltage class pollution degree III/2 | 320 V | Rated impulse voltage for surge voltage classpollution degree III/2 | 2.5 kV |
| Rated voltage for surge voltage class pollution degree II/2 | 500 V | Rated impulse voltage for surge voltage classpollution degree II/2 | 2.5 kV |
| Short-time withstand current resistance | 3 x 1s with 120 A | | |

CSA rating data

| | | | |
|-----------------------------|---|-----------------------------|-------|
| Institute (CSA) |  | Rated voltage (Use group C) | 300 V |
| Rated current (use group C) | 13 A | | |

UL 1059 rating data

| | | | |
|-----------------------------|---|-----------------------------|-------|
| Institute (UR) |  | Rated voltage (use group C) | 300 V |
| Rated current (use group C) | 10 A | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | UNSPSC | 30-21-18-10 |
| eClass 5.1 | 27-26-07-01 | eClass 6.2 | 27-26-07-03 |
| eClass 7.1 | 27-44-01-01 | | |

Datenblatt**OMNIMATE Signal - series RSV
RSV1,6 LBF4 GR 3,2 SN**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technische Daten**Notes**

- Notes
- Additional colours on request
 - Rated current related to rated cross-section & min. No. of poles.
 - Spacing between rows: see hole layout
 - Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.

Approvals

Approvals



ROHS

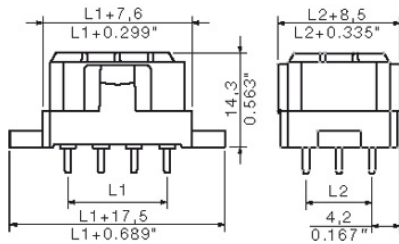
Conform

DownloadsCAD Library (P-CAD Format - ASCII) [RSV1.6.zip](#)CAD Library (P-CAD Format - Standard) [RSV1.6.zip](#)[3D Modell](#)

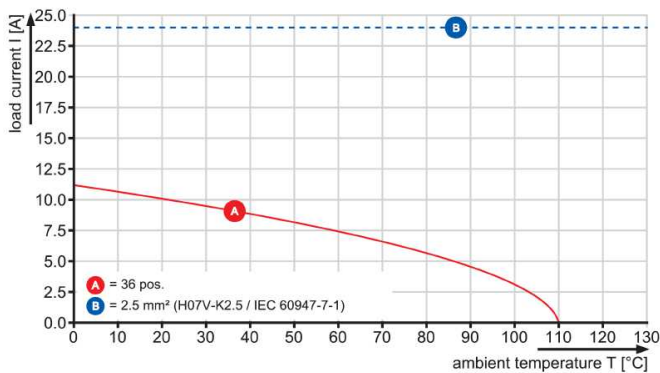
OMNIMATE Signal - series RSV
RSV1,6 LBF4 GR 3,2 SN

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Zeichnungen



RSV1.6 LB.. - RSV1.6 CS..



RSV1.6 LB.. - RSV1.6 CS..

