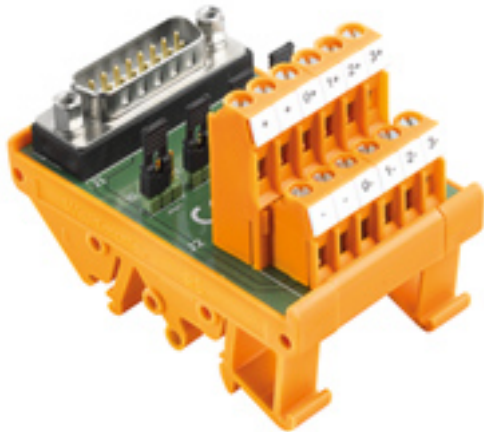


RS RS 4AIO DP-M258 SD S

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



The analogue interfaces are equipped with SubD connectors. Thus they offer sufficient shielding for analogue signal transmission. They are also equipped with very useful isolators and test sockets for measuring voltage or current.

General ordering data

| | |
|------------|---|
| Type | RS 4AIO DP-M258 SD S |
| Order No. | 1289090000 |
| Version | Interface, RS, 2-wire, Screw connection |
| GTIN (EAN) | 4050118080971 |
| Qty. | 1 pc(s). |

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Technische Daten

Dimensions and weights

| | | | |
|--------|-------|------------|-------|
| Length | 45 mm | Width | 70 mm |
| Height | 60 mm | Net weight | 52 g |

Temperatures

| | | | |
|-----------------------|-------------|---------------------|--------------|
| Operating temperature | -20...+50°C | Storage temperature | -40...+60 °C |
|-----------------------|-------------|---------------------|--------------|

General data

| | | | |
|--------------------------------|----|----------------------------------|----|
| LED status display per channel | No | Disconnection per channel | No |
| Voltage point of measurement | No | Current-measuring testpoint | No |
| Type of test point | No | LED status of the supply voltage | No |
| Power supply fuse | No | | |

Connection data

| | | | |
|----------------------------|--|--------------------------------|--------------------------------------|
| Connection on control side | SUB-D plug, in compliance with IEC 807-2 / DIN 41652 | Number of poles (control side) | 15-pole plug |
| Connection (field side) | LP2N 5.08mm | Connection supply | LP2N 5.08mm |
| Wiring system | 2-wire | Protective earth connection | Shielding in SUB-D plug-in connector |

Ratings data

| | | | |
|--------------------------|---------------------|------------------------------|--------|
| Operating voltage | ≤ 25 V AC / 50 V DC | Max. current for common pole | 3.15 A |
| Max. current per channel | 0.5 A | | |

Insulation coordination (EN50178)

| | | | |
|-------------------------------|--------------|--------------------------|-----------|
| According to | DIN EN 50178 | Rated insulation voltage | < 50 V AC |
| Surge voltage category | III | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 0.8 kV | Insulation test voltage | 0.35 kVAC |

Connection field

| | | | |
|--------------------------------------|---------------------|--------------------------------------|----------------------|
| Type of connection | Screw connection | Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 6 mm ² | Solid, min. H05(07) V-U | 0.5 mm ² |
| Solid, max. H05(07) V-U | 6 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible with sleeve, max. | 2.5 mm ² |
| Flexible with sleeve, min. | 0.5 mm ² | Sleeve with plastic collar, max. | 2.5 mm ² |
| Min. wire cross-section, AWG [field] | AWG 26 | Max. wire cross-section, AWG [field] | AWG 12 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Stripping length | 6 mm | | |

Supply connection

| | | | |
|------------------------------|---------------------|-----------------------------------|----------------------|
| Type of connection | Screw connection | Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 6 mm ² | Solid, min. H05(07) V-U | 0.5 mm ² |
| Solid, max. H05(07) V-U | 6 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible with sleeve, max. | 2.5 mm ² |
| Flexible with sleeve, min. | 0.5 mm ² | Ferrule with plastic collar, max. | 2.5 mm ² |
| Wire cross-section, min. AWG | AWG 26 | Wire cross-section, max. AWG | AWG 12 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Stripping length | 6 mm | | |

Erstellungs-Datum December 20, 2013 8:15:49 AM CET

Datenblatt**RS
RS 4AIO DP-M258 SD S****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Technische Daten****Classifications**

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001423 | UNSPSC | 30-21-18-01 |
| eClass 5.1 | 27-24-22-08 | eClass 6.2 | 27-14-11-52 |
| eClass 7.1 | 27-14-11-52 | | |

Approvals

Approvals



ROHS

Conform

RS
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Zeichnungen

