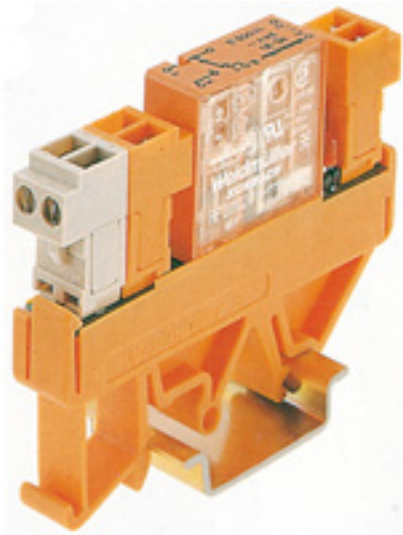


RS-SERIES
RS 30 24VUC BL/SL 1U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com



Clip-on RS 30. 31. 32 relay bases are available in widths from 11.2 to 25 mm, depending on the type.

The RSM relay multiplexers are available as 4, 8 and 16-way modules. To reduce the wiring work, the DC variants are fitted with a common plus or minus potential. The optional IEC603-1 plug-in connector enables the connection of pre-assembled lines.

The screw connection system is used to connect the conductor with a rated cross-section of 2.5 mm².

General ordering data

| | |
|------------------|---|
| Order No. | 1100360000 |
| Part designation | RS 30 24VUC BL/SL 1U |
| Version | RS-SERIES, Relays, No. of contacts: 1, CO contact, Rated control voltage: 24 V UC ±10 %, Screw connection |
| GTIN (EAN) | 4008190014155 |
| Qty. | 10 pc(s). |

**RS-SERIES
RS 30 24VUC BL/SL 1U**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Technical data
Dimensions

| | | | |
|--------|-------|-------|-------|
| Length | 74 mm | Width | 25 mm |
| Height | 56 mm | | |

Temperature

| | | | |
|-----------------------------------|-----------------|---------------------|-----------------|
| Ambient temperature (operational) | -25 °C...+40 °C | Storage temperature | -40 °C...+60 °C |
|-----------------------------------|-----------------|---------------------|-----------------|

Input

| | | | |
|--|-------|-----------------------|------------------|
| Rated voltage | 250 V | Rated control voltage | 24 V UC ±10 % |
| Pull-in (sparkover) / drop-out voltage DC coil | 21.5V | Rated current DC | 8 A |
| Pull-in / drop-out current, DC coil | 3.5mA | Power rating | 0.45 W // 0.7 VA |

Output

| | | | |
|------------------------|--------|--|---------|
| Continuous current | 6 A | Duration of Bounce | ≤ 3 ms |
| Max. switching current | 8 A | Max. switching frequency at rated load | 30 Hz |
| Min. switching current | 10 mA | Switch-off delay | ≤ 16 ms |
| Switch-on delay | ≤ 8 ms | Switching voltage AC, max. | 250 V |
| making current | 8 A | min. switching capacity | 250 mW |

Contact data

| | | | |
|----------------------------------|--------------------------------------|------------------------------------|---------------------------------------|
| Contact design | CO contact | No. of contacts | 1 |
| Contact material | AgNi 0.15 gold flashed | Mechanical service life | 20 x 10 ⁶ switching cycles |
| Electrical service life, DC coil | > 5x10 ⁵ switching cycles | Electrical service life of AC coil | > 7x10 ⁵ switching cycles |

Rated data

| | | | |
|-----------------------------|---|------------------------|-------------|
| Conductor connection system | Screw connection | DIN Rail compatibility | TS 32 TS 35 |
| Humidity | 40°C / 93% rel. humidity, no condensation | | |

Insulation coordination (EN 50 178)

| | | | |
|--|--------|---------------------------|-------|
| Clearance and creepage distances for control/load side | > 3 mm | Impulse withstand voltage | 4 kV |
| Overvoltage category | III | Pollution severity | 2 |
| Protection class | IP 20 | Rated voltage | 250 V |

Other technical data

| | | | |
|------------------|---------------|-----------------------------|---------------|
| Free-wheel diode | No | Reverse polarity protection | not available |
| Version | Relay coupler | | |

Approvals

| | |
|----------------------|--------------------------------|
| Approvals institutes | CSA; GOSTME25; MARITREG; CE |
|----------------------|--------------------------------|

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 2.0 | EC001437 | ETIM 3.0 | EC001437 |
| eClass 5.1 | 27-37-16-01 | eClass 6.0 | 27-37-16-01 |

Creation date November 4, 2010 5:42:10 PM CET

Last update 27.09.2010 / We reserve the right to make technical changes.