

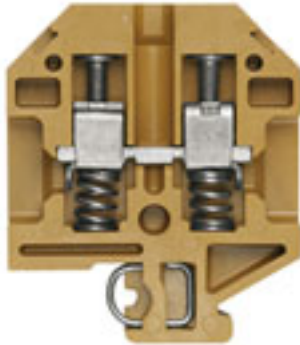
RSF 1 KRG**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

| | |
|---------------------|--|
| Order No. | 0270320000 |
| Type | RSF 1 KRG |
| GTIN (EAN) | 4008190009922 |
| Qty. | 50 pc(s). |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2020-12-31 |
| Alternative product | 9537490000 |

Creation date March 22, 2021 9:43:06 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|----------------|------------|-----------------|------------|
| Depth | 60 mm | Depth (inches) | 2.362 inch |
| Height | 50 mm | Height (inches) | 1.969 inch |
| Net weight | 35.86 g | Width | 11 mm |
| Width (inches) | 0.433 inch | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C | | |

Material data

| | | | |
|---------------------------|----------|--------|---------------|
| Material | KrG | Colour | medium yellow |
| UL 94 flammability rating | V-0, 5VA | | |

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-----|
| Version | Screw connection, for screwable cross-connection, with spring-loaded cable clamp, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Rail | TS 32 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | | | |
|-----------------------------|---------|---------------------|-----------------|
| Explosion-tested version | No | Installation advice | Direct mounting |
| Number of similar terminals | 1 | Open sides | right |
| Type of mounting | Snap-on | | |

CSA rating data

| | | | |
|-------------------------------|------------|-------------------------------|-------|
| Certificate No. (CSA) | 12400-35 1 | Current size B (CSA) | 50 A |
| Current size C (CSA) | 50 A | Current size D (CSA) | 5 A |
| Voltage size B (CSA) | 300 V | Voltage size C (CSA) | 300 V |
| Voltage size D (CSA) | 600 V | Wire cross section max. (CSA) | 8 AWG |
| Wire cross section min. (CSA) | 14 AWG | | |

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Technical data

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 1.0 x 5.5 mm | Clamping range, max. | 10 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 4 |
| Connection cross-section, stranded, max. | 10 mm ² | Connection cross-section, stranded, min. | 0.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A5 |
| Number of connections | 2 | Stripping length | 15 mm |
| Tightening torque, max. | 1.6 Nm | Tightening torque, min. | 1.2 Nm |
| Torque level with DMS electric screwdriver | 4 | Type of connection | Screw connection |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² | Wire connection cross-section, solid core, max. | 10 mm ² |
| Wire connection cross-section, solid core, min. | 0.5 mm ² | | |

General

| | | | |
|---------------------|-----------------|------|-------|
| Installation advice | Direct mounting | Rail | TS 32 |
| Standards | IEC 60947-7-1 | | |

Rating data

| | | | |
|--|---------|---------------------------------|--------------------|
| Power loss in accordance with IEC 60947-7-x | 1.82 W | Rated cross-section | 10 mm ² |
| Rated voltage | 500 V | Rated current | 57 A |
| Current at maximum wires | 57 A | Standards | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 0.56 mΩ | Rated impulse withstand voltage | 6 kV |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|------------------------------|--------|------------------------------|-------|
| Certificate No. (UR) | E60693 | Current size B (UR) | 40 A |
| Current size C (UR) | 40 A | Voltage size B (UR) | 600 V |
| Voltage size C (UR) | 600 V | Wire cross section max. (UR) | 8 AWG |
| Wire cross section min. (UR) | 14 AWG | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ECLASS 9.0 | 27-14-11-20 | ECLASS 9.1 | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E60693 |

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www.weidmueller.com**Technical data****Downloads**

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate Declaration of Conformity Declaration of Conformity |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |