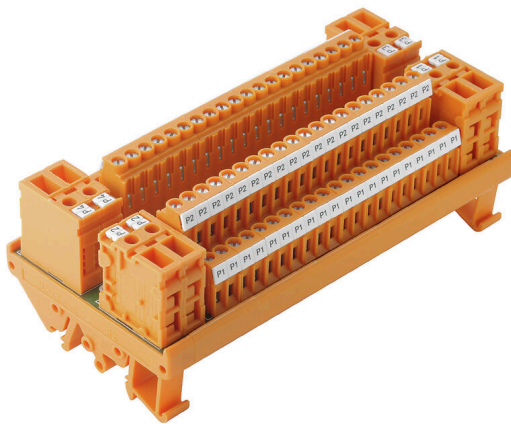


RS VERT 4P 20X4 S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Distributor module with 4 voltage potentials (P1,P2,P3,P4) in 20P1,20P2,20P3 and 20P4 for tension-clamp or screw connection.

General ordering data

| | |
|------------|---|
| Version | Interface, RS VERT, 4 P, Screw connection |
| Order No. | 1128100000 |
| Type | RS VERT 4P 20X4 S |
| GTIN (EAN) | 4032248909735 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E141197

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 55 mm | Depth (inches) | 2.1654 inch |
| Height | 70 mm | Height (inches) | 2.7559 inch |
| Width | 145 mm | Width (inches) | 5.7086 inch |
| Net weight | 291.61 g | | |

Temperatures

| | | | |
|---------------------|-------------|-----------------------|-------------|
| Storage temperature | -40...60 °C | Operating temperature | -25...50 °C |
|---------------------|-------------|-----------------------|-------------|

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Rated data UL

| | | | |
|---|-------|---|--------|
| Total operating current acc. to UL | 40 A | Operating temperature UL, min. | -25 °C |
| Operating temperature UL, max. | 50 °C | Maximum current per potential connection acc. to UL | 10 A |
| Maximum current per distributor connection acc. to UL | 10 A | Rated current I _{max} | 11 A |
| Rated voltage UN | 300 V | | |

Connection data

| | | | |
|---------------------------|----------------|-----------------------------|--------------|
| Number of potentials | 4 | Distribution PCB connectors | LL2N 5.08 mm |
| Supply plug-in connectors | TOP 1.5GS2/180 | | |

Rating data

| | | | |
|--|------------|--|-----------|
| Rated voltage | < 600 V AC | Operating voltage | <600 V AC |
| Maximum current per potential connection | 30 A | Maximum current per distributor connection | 15 A |
| Total operating current | 120 A | | |

Insulation coordination (EN50178)

| | | | |
|-------------------------------|--------------|----------------------------|-----------|
| According to | DIN EN 50178 | Rated insulation voltage | <600 V AC |
| Surge voltage category | III | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 6 kV | Insulation test voltage AC | 1.65 kV |

Connection field

| | | | |
|----------------------------------|---------------------|----------------------------|---------------------|
| Min. wire cross-section, AWG | AWG 26 | Type of connection | Screw connection |
| Sleeve with plastic collar, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |

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| | | | |
|------------------------------|---------------------|----------------------------|----------------------|
| Flexible with sleeve, max. | 2.5 mm ² | Flexible, max. H05(07) V-K | 4 mm ² |
| Flexible, min. H05(07) V-K | 0.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |
| Solid, min. H05(07) V-U | 0.5 mm ² | Stripping length | 6 mm |
| Tightening torque, max. | 0.6 Nm | Tightening torque, min. | 0.5 Nm |
| Clamping range, max. | 6 mm ² | Clamping range, min. | 0.13 mm ² |
| Max. wire cross-section, AWG | AWG 12 | | |

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. | 4 mm ² |
| Flexible with sleeve, min. | 0.5 mm ² | Ferrule with plastic collar, max. | 4 mm ² |
| Wire cross-section, min. AWG | AWG 26 | Wire cross-section, max. AWG | AWG 10 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Stripping length | 13 mm | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002780 | ETIM 9.0 | EC002780 |
| ETIM 10.0 | EC002780 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 | | |

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Drawings

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