

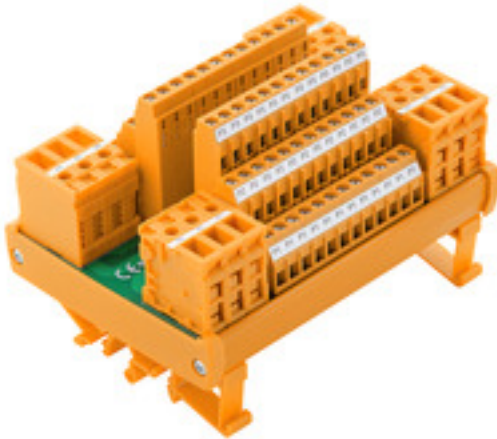
**RS VERT 6P 12X6 S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Distributor module with 6 voltage potentials (P1,P2,P3,P4,P5,P6) in 12P1,12P2,12P3 ,12P4,12P5 and 12P6 for tension-clamp or screw connection.

**General ordering data**

|            |   |
|------------|---|
| Version    | Interface, RS VERT, 6 P, Screw connection |
| Order No.  | <a href="#">1128 120000</a>               |
| Type       | RS VERT 6P 12X6 S                         |
| GTIN (EAN) | 4032248909582                             |
| Qty.       | 1 pc(s).                                  |

Creation date March 7, 2023 4:26:41 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

**RS VERT 6P 12X6 S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 83 mm  | Depth (inches)  | 3.268 inch |
| Height     | 87 mm  | Height (inches) | 3.425 inch |
| Width      | 122 mm | Width (inches)  | 4.803 inch |
| Net weight | 408 g  |                 |            |

**Temperatures**

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

**Connection data**

|                             |                |                      |   |
|-----------------------------|----------------|----------------------|---|
| Distribution PCB connectors | LL3R 5.08 mm   | Number of potentials | 6 |
| Supply plug-in connectors   | TOP 1.5GS2/180 |                      |   |

**Rating data**

|  |          |  |          |
|--|----------|--|----------|
| Rated voltage                            | 250 V AC | Operating voltage                          | 250 V AC |
| Maximum current per potential connection | 20 A     | Maximum current per distributor connection | 15 A     |
| Total operating current                  | 120 A    |  |          |

**Insulation coordination (EN50178)**

|                               |              |                          |            |
|-------------------------------|--------------|--------------------------|------------|
| According to                  | DIN EN 50178 | Rated insulation voltage | < 300 V AC |
| Surge voltage category        | III          | Pollution severity level | 2          |
| Pulse voltage test (1,2/50µs) | 4 kV         | Insulation test voltage  | 1.2 kVAC   |

**Connection field**

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

**Supply connection**

|                              |                     |                                   |                      |
|------------------------------|---------------------|-----------------------------------|----------------------|
| Type of connection           | Screw connection    | Clamping range, min.              | 0.13 mm <sup>2</sup> |
| Clamping range, max.         | 6 mm <sup>2</sup>   | Solid, min. H05(07) V-U           | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 6 mm <sup>2</sup>   | Flexible, min. H05(07) V-K        | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K   | 4 mm <sup>2</sup>   | Flexible with sleeve, max.        | 4 mm <sup>2</sup>    |
| Flexible with sleeve, min.   | 0.5 mm <sup>2</sup> | Ferrule with plastic collar, max. | 4 mm <sup>2</sup>    |
| 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               |                                   |                      |

**RS VERT 6P 12X6 S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002780    | ETIM 7.0    | EC002780    |
| ETIM 8.0    | EC002780    | ECLASS 9.0  | 27-14-11-52 |
| ECLASS 9.1  | 27-14-11-52 | ECLASS 10.0 | 27-14-11-52 |
| ECLASS 11.0 | 27-14-11-52 | ECLASS 12.0 | 27-14-11-52 |

**Environmental Product Compliance**

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 3820ceea-2b49-4a61-bda5-08f3867b3419 |

**Approvals**

Approvals



ROHS Conform

**Downloads**

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a>                       |
| Product Change Notification                 | <a href="#">20211027 Technical change to RS VERT interfaces</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                        |
| Brochures                                   |   |

**RS VERT 6P 12X6 S**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

