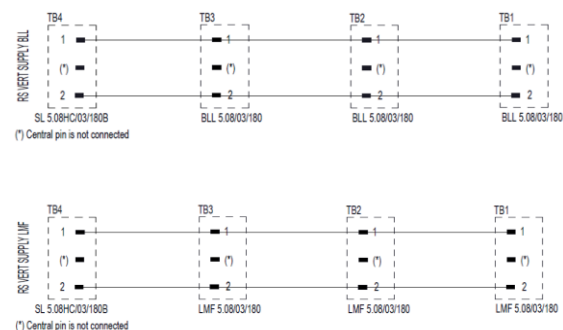


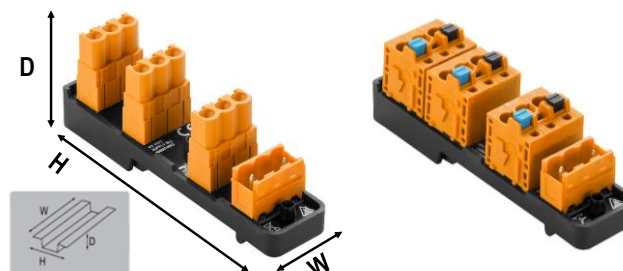
Schematic



Product description / Assembly

RS VERT SUPPLY BLL

RS VERT SUPPLY LMF



Passive modules used in power distribution for Smart Meter applications: gateways devices, counters...

- Rail mounted on DIN Rail TS35
- Connector Distr.: 1 x Input pin header SL and 3 x Output female connector BLL.
- Terminal Distr.: 1 x Input pin header SL and 3 x Output terminals LMF
- In all terminals or connectors the middle pin is not assembled.
- Delivered without cable connectors
- Cable connectors not included - pls. find accessories on catalog.weidmueller.com

Ordering data

Type	Order No.
Connector Distribution: RS VERT SUPPLY BLL	8000074943
Terminal Distribution: RS VERT SUPPLY LMF	8000076874

Technical data

Rated data	
Max. operating voltage	250 Vac
Max. current per channel	9,5 A *See derating diagram
Environmental conditions	
Operating ambient temperature	-40...+70 °C
Max. operating humidity	85% non-condensing
Storage ambient temperature	-40...+70 °C
Insulation coordination (EN 60664-1)	
Rated insulation voltage	250 Vac
Surge voltage category	III
Pollution severity level	3
Impulse test voltage (1,2/50µs) _{L-L}	6 kV

General information

BLL module dimensions (Height x Width x Depth)	80,2 mm x 17,90 mm x 30 mm (mounted on DIN rail without cable connectors)
LMF module dimensions (Height x Width x Depth)	80,2 mm x 17,90 mm x 29 mm (mounted on DIN rail without cable connectors)
Mounting method	DIN Rail TS35
IPC-A-610 Class (PCBA)	Class 2 — Dedicated Service Electronic Products
IP module rating / Protection degree	IP30 , when fully mounted
Input Connector (SL):	2728020000 - SL 5.08HC/03/180B 3.2SN OR BX TB [no central pin]
Output Connector (BLL):	2626490000 - BLL 5.08/03/180 3.2 SN OR BX TB [no central pin]
Output Connector (LMF):	2818750000 - LMF 5.08/03/180 3.5SN OR BX SO [no central pin]
Clamping range IEC / AWG (min - max)	0,12 mm ² - AWG 24 / 2,5 mm ² - AWG 12 with ferrule and plastic collar
Cable stripping length	10 - 12 mm: depending on the selected ferrule and plastic collar

Product remarks ⁽¹⁾

Connectors without breaking capacity:
Not designed to be pulled or plugged when live or under load.

Standard approvals

Insulation coordination for equipment within low-voltage systems	EN 60664-1:2007
Degrees of protection provided by enclosures (IP)	EN 60529:1991
Connectors - Safety requirements and tests	EN 61984:2008
Restriction of the use of certain hazardous substances (RoHS)	EN 63000:2018
RoHS 2011/65/EU - CE Certification	

Notes:

- 1) If the equipment is used outside the specified application or ranges, the characteristics of the product may be limited.
- 2) The safety of any system incorporating the equipment is in the responsibility of the assembler of the system.
- 3) At the end of the product service life make sure to fulfil all the relevant disposal regulations applicable for the installation location.