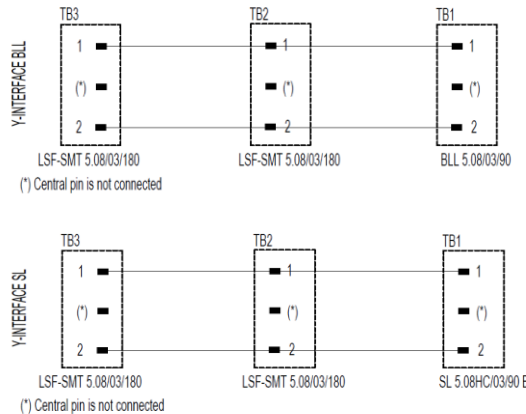


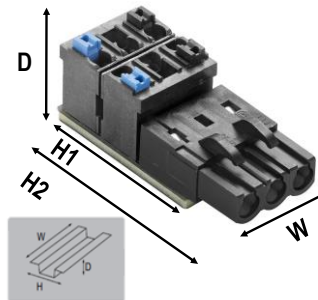
Schematic



Product description / Assembly

Y-INTERFACE BLL

Y-INTERFACE SL



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

- Interface module with BLL female connector for gateways, ...
- Interface module with SL male connector for power outputs ...
- In all terminals or connectors the middle pin is not assembled.

Ordering data

Type	Order No.
Y-INTERFACE BLL	8000075197
Y-INTERFACE SL	8000075198

Technical data

Rated data

Max. operating voltage	250 Vac
Max. current per channel	6 A
Max. total current	12 A

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)	6 kV

General information

BLL module dimensions (Height H1/H2 x Width x Depth)	31,0 / 38,4 x 15,2 x 16,4 mm
SL module dimensions (Height x Width x Depth)	29,8 x 17 x 16,4 mm
Mounting method	Direct plug-in
IPC-A-610 Class (PCBA)	Class 2 — Dedicated Service Electronic Products
IP module rating / Protection degree	IP30 , when fully mounted
Input Connector (BLL):	2738730000 - BLL 5.08/03/90 3.2 SN BK BX TB [no central pin]
Input Connector (SL):	2739270000 - SL 5.08HC/03/90B 3.2SN BK BX TB [no central pin]
Output Connector:	2766130000 - 2766140000 LSF-SMT 5.08/03/180 1.5SN BK TU SO [no central pin]
Clamping range IEC / AWG (min - max)	0,13 mm ² - 1,5 mm ² / AWG 28 - AWG 14 - with ferrule and plastic collar
Cable stripping length	10mm: 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 impaired.
- 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.