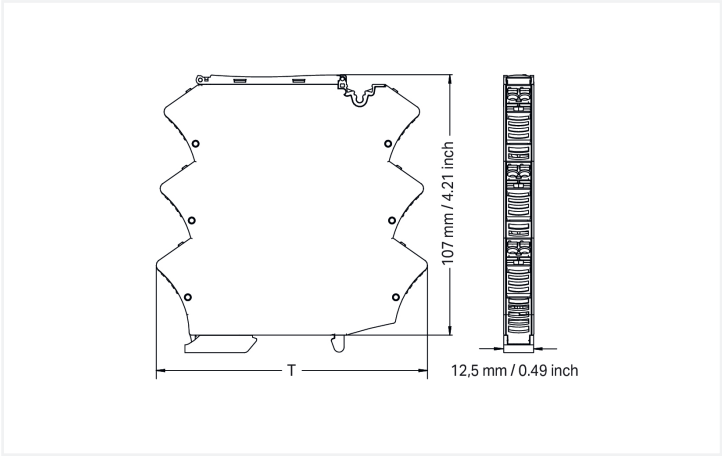




Features:

- *picoMAX*® Female Connectors, with coding keys, 2-pole
- Pre-assembled unit
- Flexible conductor termination
- Customizable connection levels
- Various marking options available
- Sealable, transparent cover
- Commoning via jumpers (859-402)

Electrical data

Permissible power loss (max.)	2 W
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Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	250 V
Rated impulse withstand voltage (III / 3)	4 kV
Rated voltage (III/2)	320 V
Rated impulse withstand voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated impulse withstand voltage (II/2)	4 kV
Rated current	16 A

Ratings per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

Ratings per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A



Connection Data		
Pole number		2
Number of levels		3
Number of jumper slots		0
Connection technology		Push-in CAGE CLAMP®
Solid conductor		0.2 ... 2.5 mm² / 24 ... 12 AWG
Fine-stranded conductor		0.2 ... 2.5 mm² / 24 ... 12 AWG
Fine-stranded conductor; with insulated ferrule		0.2 ... 1.5 mm² / 24 ... 16 AWG
Fine-stranded conductor; with uninsulated ferrule		0.2 ... 2.5 mm² / 24 ... 14 AWG
Strip length		9 ... 10 mm / 0.35 ... 0.39 inches

Physical data		
Width		12.5 mm / 0.492 inches
Height		112 mm / 4.41 inches
Depth from upper-edge of DIN-rail		107 mm / 4.213 inches
Pin spacing		5 mm / 0.197 inches

Mechanical data		
Mounting type		DIN-35 rail

Material data		
Flammability class per UL94		V0
Housing material		PC
Clamping spring material		Chrome-nickel spring steel (CrNi)
Contact material		Electrolytic copper (E _{Cu})
Fire load		1.139 MJ
Weight		66 g

Environmental requirements		
Ambient temperature (operation)		-40 ... +70 °C
Ambient temperature (storage)		-40 ... +85 °C

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
PU (SPU)		10 pcs
Packaging type		Box
Country of origin		DE
GTIN		4050821561415
Customs tariff number		85472000900

Product Classification		
UNSPSC		39121311
eCl@ss 10.0		27-18-27-02
eCl@ss 9.0		27-18-27-02
ETIM 9.0		EC001031
ETIM 10.0		EC001031
ECCN		NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	0af7c045-e7f0-49c4-ab13-95515a58b10b
SCIP notification number (Belgium)	8179037e-9b72-41d7-a5eb-29b7d01bb747
SCIP notification number (Bulgaria)	a39c1241-d109-4f77-9278-d8448c68b6ce
SCIP notification number (Czech Republic)	9ab81a97-288d-4182-8c69-db510d713a69
SCIP notification number (Denmark)	f0129db3-007b-48ff-8c20-dac1a9864bb8
SCIP notification number (Finland)	fc6017bd-d824-4873-8a98-706e4026f889
SCIP notification number (France)	f6daac7f-f386-4991-948b-506a96511318
SCIP notification number (Germany)	9b12d5fc-1866-486c-a888-3258f578fbb5
SCIP notification number (Hungary)	195b1d2c-c9c1-44d3-b000-ed2ae82a6811
SCIP notification number (Italy)	6af0cd4b-b2e7-4286-a5bd-00e12ed0e669
SCIP notification number (Netherlands)	6d68db97-6af0-4947-829b-53b489e55015
SCIP notification number (Poland)	34d059eb-b3d2-4b7a-84d2-89d6658fa921
SCIP notification number (Romania)	b55edcd4-355f-4e31-8394-3248b494f8c0
SCIP notification number (Sweden)	939f89b5-b233-48a8-aa1c-6efb49b2c4d4

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL UL International Germany GmbH	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2857-103	

Documentation

Bid Text			
2857-103	20.02.2019	docx 15.58 KB	
2857-103	20.02.2019	xml 5.07 KB	



CAD/CAE-Data	
CAD data 2D/3D Models 2857-103 ↓	CAE data EPLAN Data Portal 2857-103 ↓ WSCAD Universe 2857-103 ↓ ZUKEN Portal 2857-103 ↓

1 Compatible Products
1.1 Optional Accessories
1.1.1 Ferrule
1.1.1.1 Ferrule

 Item No.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	 Item No.: 216-141 Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	 Item No.: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	 Item No.: 216-142 Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92
 Item No.: 216-243 Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	 Item No.: 216-143 Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	 Item No.: 216-244 Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	 Item No.: 216-144 Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored
 Item No.: 216-106 Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated; silver-colored			

1.1.2 Jumper				
1.1.2.1 Jumper				
				
<u>Item No.: 281-482</u> Jumper; 2-way; insulated; gray	<u>Item No.: 859-402/000-006</u> Jumper; for jumper slot; 2-way; insulated; blue	<u>Item No.: 859-402</u> Jumper; for jumper slot; 2-way; insulated; light gray	<u>Item No.: 859-402/000-005</u> Jumper; for jumper slot; 2-way; insulated; red	
				
<u>Item No.: 859-402/000-029</u> Jumper; for jumper slot; 2-way; insulated; yellow				



1.1.3 Marking

1.1.3.1 Marker



Item No.: 2009-141
Micro-USB-Inline; 2000 pieces on roll; plain; snap-on type; white



Item No.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 793-502
WMB marking card; as card; MARKED; 1 ... 10 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-566
WMB marking card; as card; MARKED; 1 ... 50 (2x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-503
WMB marking card; as card; MARKED; 11 ... 20 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-504
WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-505
WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-506
WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white



Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.3.2 Marking device



Item No.: 210-110
Fiber-tip pen

1.1.3.3 Marking strip



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.4 System enclosure

1.1.4.1 Stripboard



Item No.: 2857-193/3140-000
Stripboards; 3-3 connection levels

1.1.5 Tool

1.1.5.1 Coding



Item No.: 2092-1610
Coding key carrier; orange

1.1.5.2 Operating tool



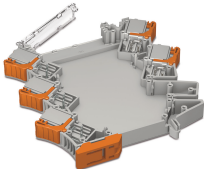
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured



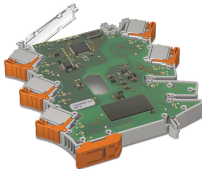
Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicoloured

Installation Notes

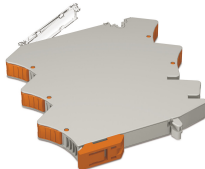
Installation



1. Pre-assembled unit



2. Insert and solder the PCB



3. Snap on the side wall