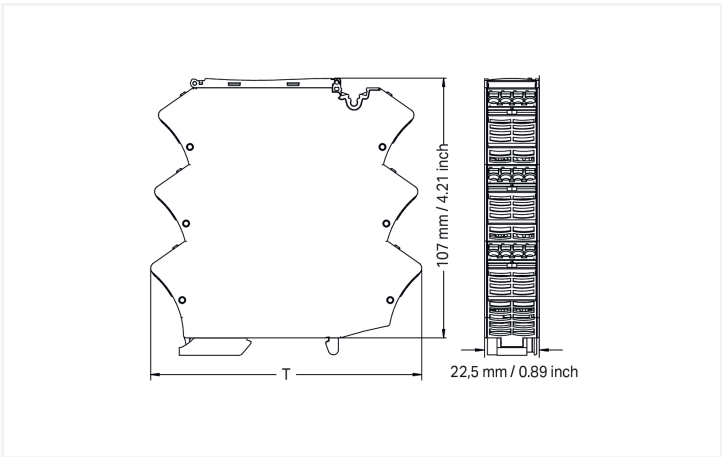




Features:

- *picoMAX*® Female Connectors, with coding keys, 4-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.)	3 W
-------------------------------	-----

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		4
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		22.5 mm / 0.886 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		1.548 MJ
Weight		106.1 g

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

Commercial data		
Product Group		6 (INTERFACE ELECTRONIC)
PU (SPU)		5 pcs
Packaging type		Box
Country of origin		DE
GTIN		4050821561446
Customs tariff number		85472000900

Product Classification		
UNSPSC		39121402
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)	7e380ee9-74af-4972-a5e2-8cbe68601e52
SCIP notification number (Belgium)	f389bbbed-454a-4276-8ed7-ada5433759e3
SCIP notification number (Bulgaria)	ac1ccd4c-f068-4b1b-86f4-148f12fbc1e6
SCIP notification number (Czech Republic)	c38893fa-a012-4627-99f7-4cb811e61450
SCIP notification number (Denmark)	07765870-3055-4dd4-a8fe-6dbd893fece7
SCIP notification number (Finland)	e87f43e2-719e-4ca3-9082-3c1260f6b1df
SCIP notification number (France)	c5fe07e1-16da-4526-9879-5756d64ea7e5
SCIP notification number (Germany)	d8747c26-b97d-4b80-a951-fa6a73f60418
SCIP notification number (Hungary)	d696c1e6-0edc-4f3a-9923-cdd0e0551f6e
SCIP notification number (Italy)	88c369f9-865e-4602-bffe-faab7c04de80
SCIP notification number (Netherlands)	0a997275-70a6-4d10-9db7-665ee6002239
SCIP notification number (Poland)	43a63121-6a11-4e59-b8ff-82b7f3232881
SCIP notification number (Romania)	a8270e15-cb9d-4ae6-827a-675942c6c4d6
SCIP notification number (Sweden)	087e1709-3635-4eed-916a-52db5daccdd95

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 2857-123	

Documentation

Bid Text			
2857-123	20.02.2019	docx 15.74 KB	
2857-123	20.02.2019	xml 5.07 KB	



CAD/CAE-Data	
CAD data 2D/3D Models 2857-123 ↓	CAE data EPLAN Data Portal 2857-123 ↓ WSCAD Universe 2857-123 ↓ ZUKEN Portal 2857-123 ↓

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

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

1.1.3 Marking

1.1.3.1 Marker



Item No.: 2009-141
Micro-WSB-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

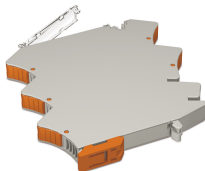
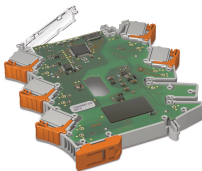
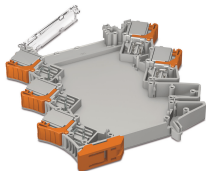


Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

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