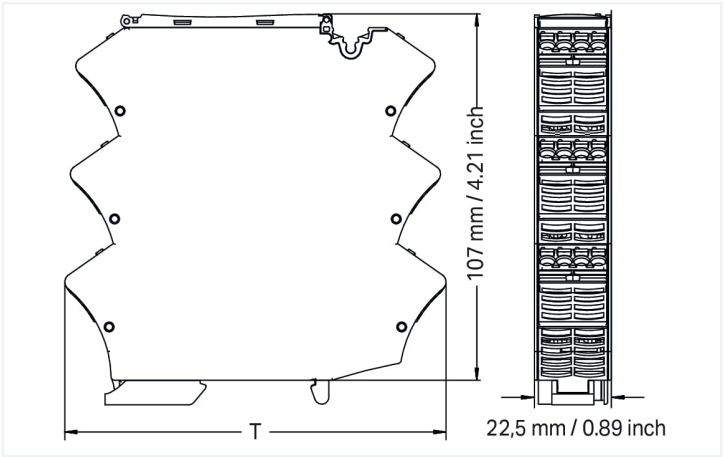




- Features:**
- *picoMAX*® Female Connectors, with coding keys, 4-pole
 - Pre-assembled unit
 - Flexible conductor termination
 - Customizable connection levels
 - Various marking options available
 - Sealable, transparent cover
 - Commoning via jumpers (859-402)

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

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; 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
Fine-stranded conductor	0.2 ... 2.5 mm² / 24 ... 12 AWG



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)
Fire load	2.229 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)
eCl@ss 10.0	27-18-27-02
eCl@ss 9.0	27-18-27-02
ETIM 9.0	EC001031
ETIM 8.0	EC001031
PU (SPU)	5 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821561446
Customs tariff number	85472000900

Environmental Product Compliance	
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	7e380ee9-74af-4972-a5e2-8cbe68601e52
SCIP notification number (Belgium)	f389bbed-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-52db5daccd95



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; in-
sulated; 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; un-
insulated; 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; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; gray

[Item No.: 216-262](#)

Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-
sulated; electro-tin plated; electrolytic
copper; gastight crimped; acc. to DIN
46228, Part 4/09.90; gray



1.1.1.1 Ferrule



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.: 216-263
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.: 216-264
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.: 216-284
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



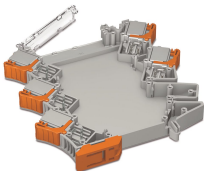
[Item No.: 210-720](#)
Operating tool; Blade: 3.5 x 0.5 mm; with a
partially insulated shaft; multicoloured



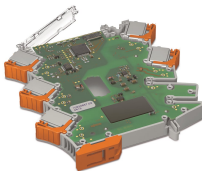
[Item No.: 210-657](#)
Operating tool; Blade: 3.5 x 0.5 mm; with a
partially insulated shaft; short; multicoloured

Installation Notes

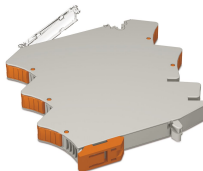
Installation



1. Pre-assembled unit



2. Insert and solder the PCB



3. Snap on the side wall