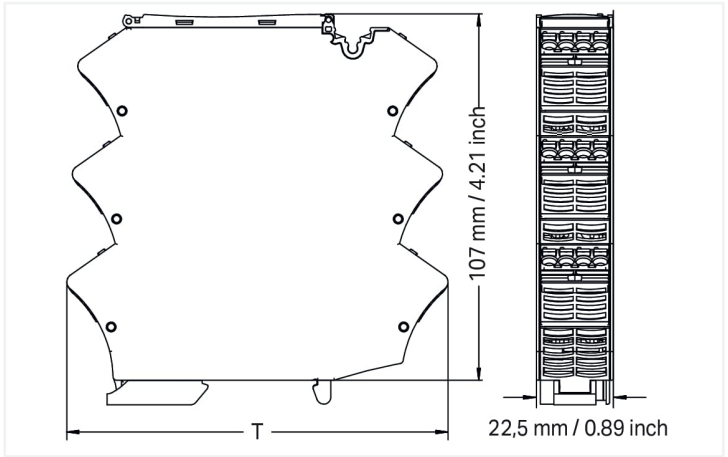




- Features:**
- *picoMAX*® Female Connectors, with coding keys, 4-pole
 - Pre-assembled unit
 - Flexible conductor termination
 - Customizable connection levels
 - Various marking options available
 - Sealable, transparent cover
 - Commoning via jumpers (859-402)

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	2
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



Physical data	
Width	22.5 mm / 0.886 inches
Height	110 mm / 4.331 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	2.158 MJ
Weight	99.7 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	4050821561439
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)	20b824e5-d556-48d0-9390-b52546135bb6
SCIP notification number (Belgium)	66585704-1b18-478d-ab72-fb2261a2bc90
SCIP notification number (Bulgaria)	359d1397-7d1a-4ef2-917d-df3cdb8f9dcb
SCIP notification number (Czech Republic)	b35ace4d-829f-44cc-a021-b13342303dfb
SCIP notification number (Denmark)	d3e5ef67-bea4-48fb-a237-664dc478f183
SCIP notification number (Finland)	4e9fbda5-8e13-486f-a7cf-723d1ac3eeb8
SCIP notification number (France)	3acc5873-1b11-4448-a589-5a844904f35d
SCIP notification number (Germany)	dd82b1a3-1845-4083-a047-8d7dca0639fd
SCIP notification number (Hungary)	15ea4ffb-3d30-4cca-a0a9-3ff7c6ab5420
SCIP notification number (Italy)	fa984891-090a-43d1-988a-90224f769a72
SCIP notification number (Netherlands)	37a1cad6-6438-4efb-b3d6-65917ce2a994
SCIP notification number (Poland)	67aa548d-ef89-46d6-bf1d-68e45a73806a
SCIP notification number (Romania)	6e891b48-1170-46df-810b-f4d4d736751b
SCIP notification number (Sweden)	6a34ec7a-b023-41ff-8974-a32ca79cbe2c



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 2857-122



Documentation

Bid Text

2857-122	20.02.2019	docx 15.69 KB	
2857-122	20.02.2019	xml 5.07 KB	

CAD/CAE-Data

CAD data

2D/3D Models
2857-122



CAE data

EPLAN Data Portal
2857-122



WSCAD Universe
2857-122



ZUKEN Portal
2857-122



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.: 2857-192/3140-000
Stripboards; 3-2 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



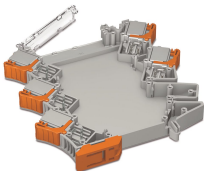
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a
partially insulated shaft; multicoloured



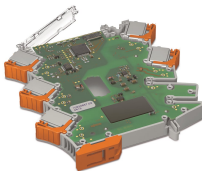
Item No.: 210-657
Operating tool; Blade: 3.5 x 0.5 mm; with a
partially insulated shaft; short; multicoloured

Installation Notes

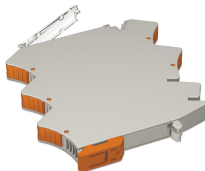
Installation



1. Pre-assembled unit



2. Insert and solder the PCB



3. Snap on the side wall