

Dimensions in mm

### 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)

trical data				
rmissible power loss (max.)	2 W	Ratings per IEC/EN 60664-1		
		Nominal voltage (III/3)	250 V	
		Rated impulse voltage (III/3)	4 kV	
		Rated voltage (III/2)	320 V	
		Rated impulse voltage (III/2)	4 kV	
		Nominal voltage (II/2)	630 V	
		Rated surge voltage (II/2)	4 kV	
		Rated current	16 A	

Ratin	gs 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	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

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Physical data

Width12.5 mm / 0.492 inchesHeight112 mm / 4.41 inchesDepth from upper-edge of DIN-rail107 mm / 4.213 inchesPin spacing5 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 1.407 MJ Weight 66 g

**Environmental requirements** 

Surrounding air temperature (storage) -40...+85 °C Ambient temperature (operation at  $U_N$ ) -40...70 °C

Commercial data

**Product Group** 6 (Interface Electronics) 27-18-27-02 eCl@ss 10.0 27-18-27-02 eCl@ss 9.0 **ETIM 8.0** EC001031 ETIM 7.0 EC001031 PU (SPU) 10 pcs Box Packaging type Country of origin **GTIN** 4050821561415 Customs tariff number 85472000900

### Approvals and certificates

General approvals



Approval Standard Certificate name
UL UL 1059 E45172
UL International Germany

GmbH

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# Downloads

### **Environmental Product Compliance**

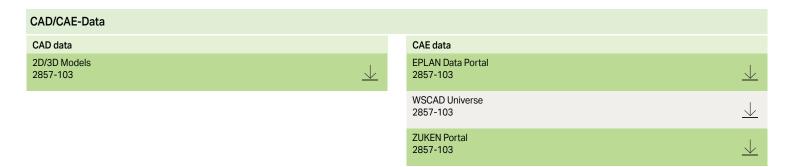
# Compliance Search

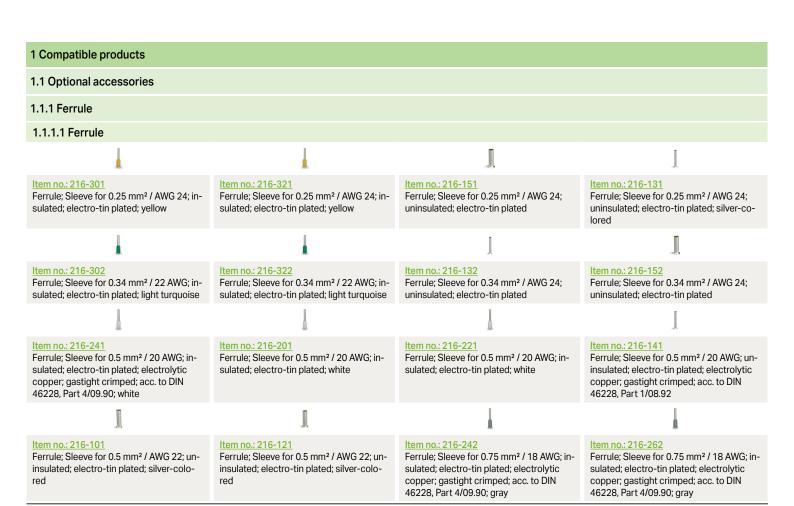
Environmental Product Compliance 2857-103



# Documentation

Bid Text			
2857-103	20.02.2019	docx 15.58 KB	<u>↓</u>
2857-103	20.02.2019	xml 5.07 KB	$\underline{\downarrow}$





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# Item no.: 216-202

1.1.1.1 Ferrule

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

### Item no.: 216-222

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

### Item no.: 216-142

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

### Item no.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

#### Item no.: 216-122

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

#### Item no.: 216-243

Ferrule; Sleeve for 1 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

#### Item no.: 216-203

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

# Item no.: 216-223

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

#### Item no.: 216-103

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

#### Item no.: 216-143

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

### Item no.: 216-123

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored



#### Item no.: 216-204

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black

#### Item no.: 216-224

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black

#### 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

#### tem no.: 216-264

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / 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.: 216-124

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

### 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.: 216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; 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;

### 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

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### 1.1.3 Marking

### 1.1.3.1 Marker





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



#### em 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



WMB marking card; as card; MARKED; 21 ... 30 (10x); not stretchable; Horizontal marking; snap-on type; white



WMB marking card; as card; MARKED; 31 ... 40 (10x); not stretchable; Horizontal marking; snap-on type; white



WMB marking card; as card; MARKED; 41 ... 50 (10x); not stretchable; Horizontal marking; snap-on type; white



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 devices



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

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### 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

<u>Item no.: 210-657</u>

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

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:  $\underline{www.wago.com}$ 

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