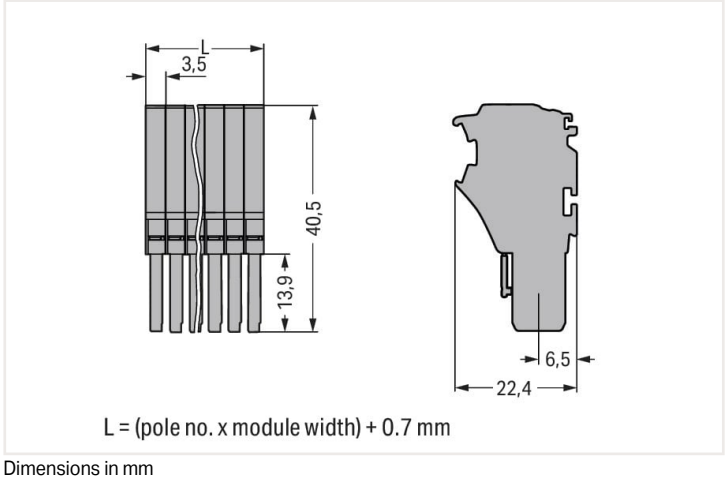
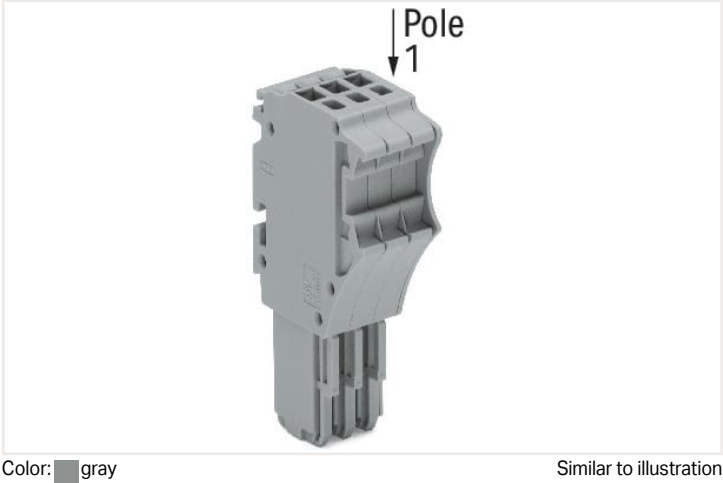




Notes		
Safety information 1	According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.	
Safety information 2	Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.	

Electrical data			
Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	IEC/EN 61984	Approvals per	UL 1059
Nominal voltage (III/3)	500 V	Rated voltage UL (Use Group B)	300 V
Rated impulse voltage (III/3)	6 kV	Rated current UL (Use Group B)	15 A
Rated current	13.5 A	Rated voltage UL (Use Group C)	300 V
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3	Rated current UL (Use Group C)	15 A
		Rated voltage UL (Use Group D)	300 V
		Rated current UL (Use Group D)	15 A

Ratings per CSA	
Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	10 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

Connection points	6	Connection 1	
Total number of potentials	6	Connection technology	Push-in CAGE CLAMP®
		Actuation type	Operating tool
		Connectable conductor materials	Copper
		Nominal cross-section	1 mm²
		Solid conductor	0.14 ... 1.5 mm² / 24 ... 16 AWG
		Solid conductor; push-in termination	0.5 ... 1.5 mm² / 20 ... 16 AWG
		Fine-stranded conductor	0.14 ... 1.5 mm² / 24 ... 16 AWG
		Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm² / 24 ... 18 AWG
		Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm² / 20 ... 18 AWG
		Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
		Strip length	9 ... 11 mm / 0.35 ... 0.43 inches
		Pole number	6
		Wiring direction	Front-entry wiring

Physical data

Width	21.7 mm / 0.854 inches
Height	40.5 mm / 1.594 inches
Depth	22.4 mm / 0.882 inches
Module width	3.5 mm / 0.138 inches

Mechanical Data

Variable coding	Yes
Marking level	Side marking
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	No

Material Data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.247 MJ
Weight	13.6 g



Environmental requirements	
Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C
Commercial data	
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	CN
GTIN	4050821245070
Customs tariff number	85366990990

Approvals / Certificates					
General approvals			Approvals for marine applications		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7617	ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
CSA DEKRA Certification B.V.	C22.2	2516073	BV Bureau Veritas S.A.	EN 60947	38586/B0 BV
UL UL International Germany GmbH	UL 1059	E 45172	LR Lloyds Register	EN 60947	91/20112 (E9)

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2020-106	

Documentation			
Additional Information		Bid Text	
Technical Section	pdf 2142.18 KB	2020-106	
		19.02.2019	xml 3.90 KB
		2020-106	
		06.08.2018	docx 14.99 KB

CAD/CAE-Data

CAD data

2D/3D Models
2020-106



CAE data

EPLAN Data Portal
2020-106



WSCAD Universe
2020-106



ZUKEN Portal
2020-106



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.: 216-242](#)

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.: 216-243](#)

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

1.1.2 Locking system

1.1.2.1 Locking system

[Item No.: 2022-151](#)

Locking lever; gray

[Item No.: 2022-152](#)

Locking lever; orange

1.1.3 Marking

1.1.3.1 Marker

[Item No.: 793-3501](#)

WMB marking card; as card; plain; snap-on type; white

[Item No.: 2009-113](#)

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

1.1.3.2 Marking strip

[Item No.: 210-833](#)

Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white

[Item No.: 2009-110](#)

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

[Item No.: 210-831](#)

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

[Item No.: 210-832](#)

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

[Item No.: 210-834](#)

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

1.1.4 Protective warning marker

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.1.5.1 Strain relief plate



Strain relief plate; gray

1.1.6.1 Operating tool



Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

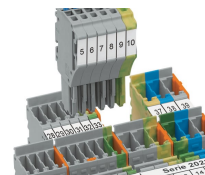
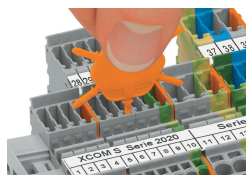


Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short



Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

Coding



Locking system

