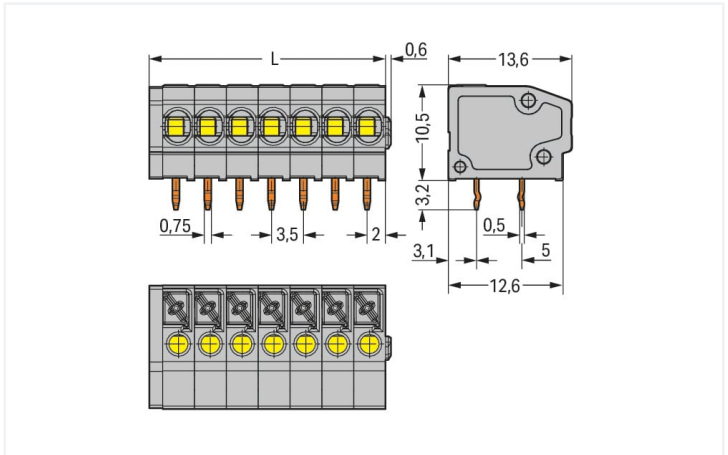
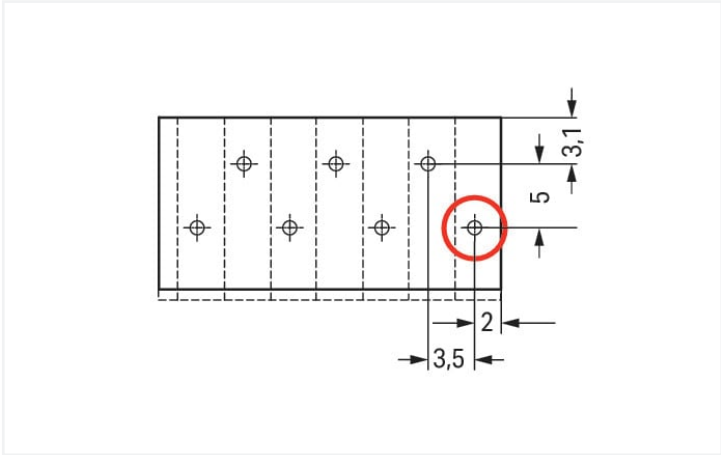




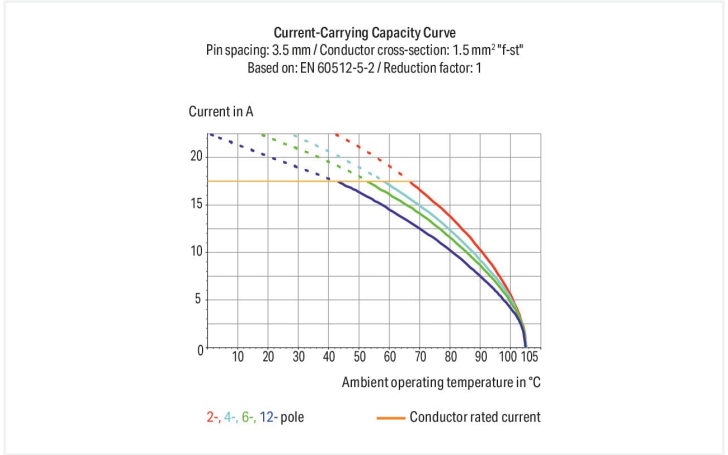
Color: ■ gray                      Similar to illustration



Dimensions in mm  
L = (pole no. x pin spacing) + 1.5 mm



Dimensions in mm  
First solder pin, front right (red circle)



- PCB terminal strips with push-buttons and Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Flush-mount push-buttons that close with minimal force for convenient termination/removal of fine-stranded conductors
- Convenient, tool-free operation
- Versions with/without test slots and spacers
- Versions available with custom internal commoning (factory assembly), e.g., commoning ground conductor

Notes	
Variants:	Other colors Mixed-color PCB connector strips Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . Other pole numbers



Electrical data

Ratings per IEC/EN 60664-1				Approvals per UL 1059			
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	300 V	150 V	300 V
Nominal voltage	250 V	320 V	630 V	Rated current	10 A	10 A	10 A
Rated surge voltage	4 kV	4 kV	4 kV				
Rated current	17.5 A	17.5 A	17.5 A				

Connection data

Connection points	3	Connection 1	
Total number of potentials	3	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Push-button
Number of levels	1	Solid conductor	0.2 ... 1.5 mm² / 24 ... 16 AWG
Number of test slots	1	Fine-stranded conductor	0.2 ... 1.5 mm² / 24 ... 16 AWG
		Fine-stranded conductor; with insulated ferrule	0.25 ... 1 mm²
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1 mm²
		Strip length	9 ... 10 mm / 0.35 ... 0.39 inches
		Conductor connection direction to PCB	0 °
		Pole number	3

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	12 mm / 0.472 inches
Height	13.7 mm / 0.539 inches
Height from the surface	10.5 mm / 0.413 inches
Depth	13.6 mm / 0.535 inches
Solder pin length	3.2 mm
Solder pin dimensions	0.5 x 0.75 mm
Drilled hole diameter with tolerance	1.1 (+0.1) mm

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire terminal strip (staggered)
Number of solder pins per potential	1

Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	Tin
Fire load	0.028 MJ
Weight	1.5 g



Environmental requirements	
Limit temperature range	-60 ... +105 °C

Commercial data	
Product Group	4 (Printed Circuit Connectors)
eCl@ss 10.0	27-44-04-01
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002643
ETIM 7.0	EC002643
PU (SPU)	420 (105) pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454731519
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	71-115456
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7851
CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7782
CSA DEKRA Certification B.V.	C22.2	1132097
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-110757
UR Underwriters Laboratories Inc.	UL 1059	E45172
		EU-Declaration of Conformity WAGO GmbH & Co. KG
		UK-Declaration of Conformity WAGO GmbH & Co. KG

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 805-103	



Documentation

Additional Information

Technical Section

03.04.2019

pdf  
2027.26 KB

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CAD/CAE-Data

CAD data

2D/3D Models 805-103

↓

CAE data

ZUKEN Portal 805-103

↓

PCB Design

Symbol and Footprint  
via SamacSys 805-103

↓

Symbol and Footprint  
via Ultra Librarian  
805-103


↓

1 Compatible Products


1.1 Optional Accessories

1.1.1 Ferrule


1.1.1.1 Ferrule




[Item No.: 216-301](#)  
Ferrule; Sleeve for 0.25 mm² / AWG 24; in-  
sulated; electro-tin plated; yellow




[Item No.: 216-321](#)  
Ferrule; Sleeve for 0.25 mm² / AWG 24; in-  
sulated; electro-tin plated; yellow




[Item No.: 216-151](#)  
Ferrule; Sleeve for 0.25 mm² / AWG 24;  
uninsulated; electro-tin plated




[Item No.: 216-131](#)  
Ferrule; Sleeve for 0.25 mm² / AWG 24;  
uninsulated; electro-tin plated; silver-co-  
lored




[Item No.: 216-302](#)  
Ferrule; Sleeve for 0.34 mm² / 22 AWG; in-  
sulated; electro-tin plated; light turquoise




[Item No.: 216-322](#)  
Ferrule; Sleeve for 0.34 mm² / 22 AWG; in-  
sulated; electro-tin plated; light turquoise




[Item No.: 216-132](#)  
Ferrule; Sleeve for 0.34 mm² / AWG 24;  
uninsulated; electro-tin plated




[Item No.: 216-152](#)  
Ferrule; Sleeve for 0.34 mm² / AWG 24;  
uninsulated; electro-tin plated




[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.: 216-201](#)  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; in-  
sulated; electro-tin plated; white




[Item No.: 216-221](#)  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; in-  
sulated; electro-tin plated; 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.: 216-101](#)  
Ferrule; Sleeve for 0.5 mm² / AWG 22; un-  
insulated; electro-tin plated; silver-co-  
lored




[Item No.: 216-121](#)  
Ferrule; Sleeve for 0.5 mm² / AWG 22; un-  
insulated; electro-tin plated; silver-co-  
lored




[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




[Item No.: 216-202](#)  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-  
sulated; electro-tin plated; gray



[Item No.: 216-222](#)  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; in-  
sulated; electro-tin plated; gray








[Item No.: 216-142](#)  
Ferrule; Sleeve for 0.75 mm² / 18 AWG;  
uninsulated; electro-tin plated; electroly-  
tic 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-co-  
lored



1.1.1.1 Ferrule

 <b>Item No.: 216-122</b> Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored	 <b>Item No.: 216-243</b> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	 <b>Item No.: 216-263</b> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	 <b>Item No.: 216-203</b> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red
 <b>Item No.: 216-223</b> Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red	 <b>Item No.: 216-103</b> Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated	 <b>Item No.: 216-143</b> Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	 <b>Item No.: 216-123</b> Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated; silver-colored


1.1.2 Marking

1.1.2.1 Marking strip

 <b>Item No.: 210-332/350-202</b> Marking strips; as a DIN A4 sheet; MARKED; 1-16 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white	 <b>Item No.: 210-332/350-204</b> Marking strips; as a DIN A4 sheet; MARKED; 17-32 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white	 <b>Item No.: 210-332/350-206</b> Marking strips; as a DIN A4 sheet; MARKED; 33-48 (240x); Height of marker strip: 3 mm; Strip length 182 mm; Horizontal marking; Self-adhesive; white
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1.1.3 Test and measurement

1.1.3.1 Testing accessories

 <b>Item No.: 210-136</b> Test plug; 2 mm Ø; with 500 mm cable; red
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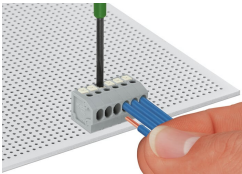
1.1.4 Tool

1.1.4.1 Operating tool

 <b>Item No.: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	 <b>Item No.: 210-647</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured
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Installation Notes

Conductor termination



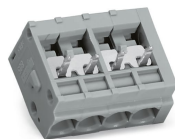
Inserting solid conductor via push-in termination.  
Inserting and removing fine-stranded conductors via push-buttons.

## Installation



Terminal strips with spacers and enlarged conductor entry (5 mm pin spacing) are available upon request.

## Commoning



WAGO's 805 Series Terminal Strips provide "internal commoning" to meet requirements than ban routing the ground conductor over the board. This enables custom terminal strips to be commoned and marked at the factory upon request.

## Installation



Mixed-color terminal strips are available upon request.