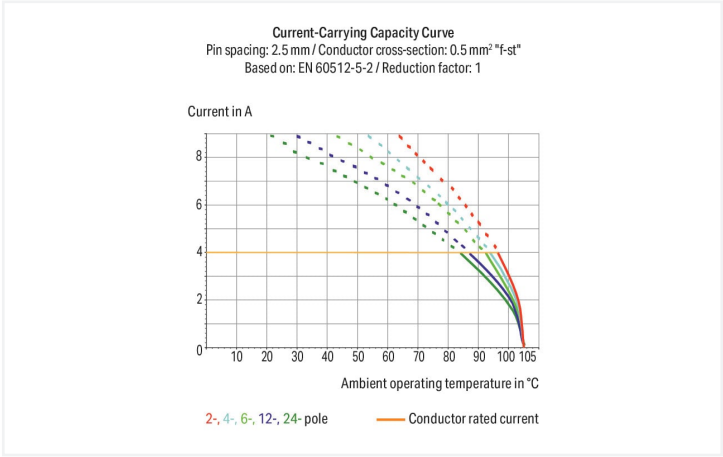
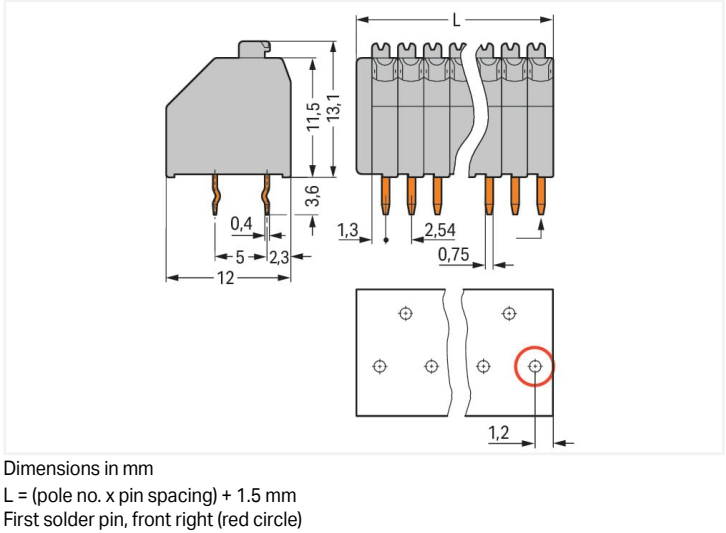


Color:  gray

Similar to illustration



- Compact PCB terminal strips with push-buttons
- Push-in termination of solid conductors
- Termination/removal of fine-stranded conductors via push-buttons
- 45° conductor entry angle provides easy, space-saving wiring
- Custom color combinations
- Terminal strips also available with spacers upon request

Notes	
Variants:	Other pole numbers Other colors Mixed-color PCB connector strips Terminal strips with spacers Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .



Electrical data

Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	IEC/EN 60664-1	Approvals per	UL 1059
Nominal voltage (III/3)	160 V	Rated voltage UL (Use Group B)	300 V
Rated impulse voltage (III/3)	2.5 kV	Rated current UL (Use Group B)	5 A
Rated voltage (III/2)	160 V	Rated voltage UL (Use Group D)	300 V
Rated impulse voltage (III/2)	2.5 kV	Rated current UL (Use Group D)	5 A
Nominal voltage (II/2)	320 V		
Rated surge voltage (II/2)	2.5 kV		
Rated current	4 A		
Legend (ratings)	(III / 2) Δ Overvoltage category III / Pollution degree 2		

Ratings per CSA	
Approvals per	CSA
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	5 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	5 A

Connection data

Connection 1	
Connection points	8
Total number of potentials	8
Number of connection types	1
Number of levels	1
Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0.14 ... 0.5 mm² / 24 ... 20 AWG
Fine-stranded conductor	0.2 ... 0.5 mm² / 24 ... 20 AWG
Conductor diameter	0.4 ... 0.8 mm / 24 ... 20 AWG
Strip length	8.5 ... 9.5 mm / 0.33 ... 0.37 inches
Conductor connection direction to PCB	45 °
Pole number	8

Physical data

Pin spacing	2.54 mm / 0.1 inches
Width	26.9 mm / 1.059 inches
Height	16.7 mm / 0.657 inches
Height from the surface	13.1 mm / 0.516 inches
Depth	12 mm / 0.472 inches
Solder pin length	3.6 mm
Solder pin dimensions	0.4 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)		Information on material specifications can be found here
Color		gray
Material group		I
Insulation material		Polyamide (PA66)
Flammability class per UL94		V0
Clamping spring material		Copper alloy
Contact plating		Tin
Fire load		0.062 MJ
Weight		3 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)		200 (50) pcs
Packaging type		Box
Country of origin		CH
GTIN		4044918643276
Customs tariff number		85369010000

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 7833/2	ABS American Bureau of Ship- ping	-	19-HG1869876-PDA
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7705/1	DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE000016Z
CSA DEKRA Certification B.V.	C22.2	1132097			
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.18			
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-124629			
UL UL International Germany GmbH	UL 1059	E45172			



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 250-1408

↓

Documentation

Additional Information

Technical Section

03.04.2019

pdf

1949.09 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 250-1408

↓

CAE data

EPLAN Data Portal 250-1408

↓

ZUKEN Portal 250-1408


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1 Compatible Products


1.1 Optional Accessories

1.1.1 Marking


1.1.1.1 Marking strip




[Item No.: 210-331/254-202](#)
Marking strips; as a DIN A4 sheet; MAR-KED; 1-16 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-331/254-207](#)
Marking strips; as a DIN A4 sheet; MAR-KED; 1-48 (100x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-331/254-204](#)
Marking strips; as a DIN A4 sheet; MAR-KED; 17-32 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white



[Item No.: 210-331/254-206](#)
Marking strips; as a DIN A4 sheet; MAR-KED; 33-48 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive; white

1.1.2 Test and measurement

1.1.2.1 Testing accessories



[Item No.: 735-500](#)
WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm²

1.1.3 Tool



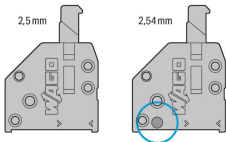
1.1.3.1 Operating tool



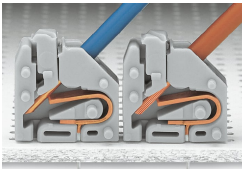
Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Item No.: 210-647
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

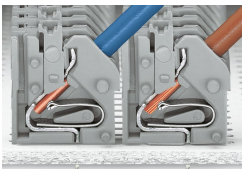
Installation Notes



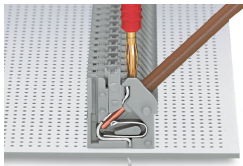
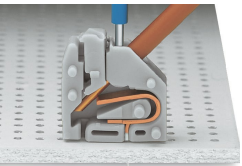
Conductor termination



Conductor termination



Testing



Marking

