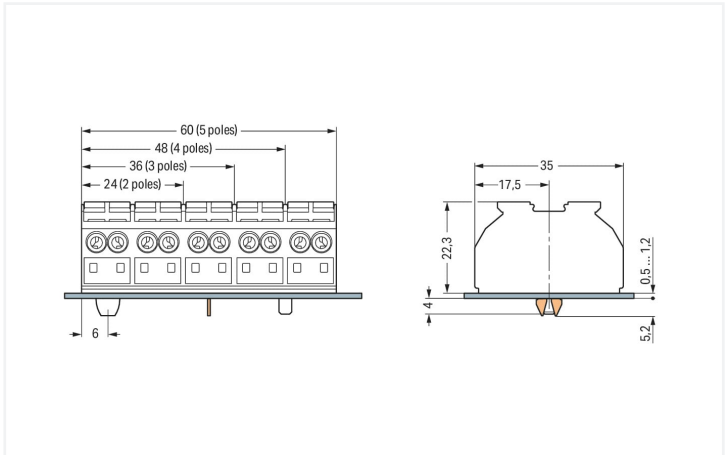


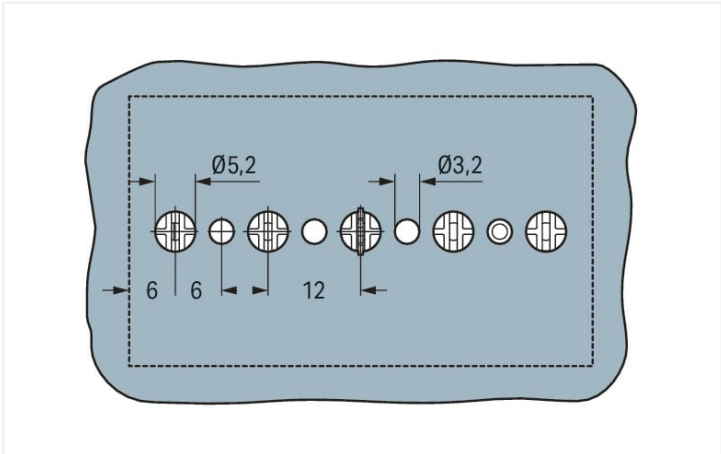


Color: ■ black

Similar to illustration



Dimensions in mm
Dimensions in mm
for chassis-mount terminal strips



Dimensions in mm
for PE contact and snap-in mounting foot (Ø 5.2 mm)

Electrical data			
Ratings per IEC/EN		Ex information	
Nominal voltage (III/3)	500 V	Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
Rated impulse voltage (III/3)	6 kV	Ratings per	ATEX: PTB 03 ATEX 1189 U
Rated current	32 A	Rated voltage EN (Ex e II)	440 V
Legend (ratings)	(III / 3) Δ Overvoltage category III / Pollution degree 3	Rated current (Ex e II)	28 A



Connection data																												
Connection points	8	Connection 1 <table><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Push-button</td></tr><tr><td>Connectable conductor materials</td><td>Copper</td></tr><tr><td>Solid conductor</td><td>0.5 ... 4 mm² / 20 ... 12 AWG</td></tr><tr><td>Solid conductor; push-in termination</td><td>0.75 ... 4 mm² / 18 ... 12 AWG</td></tr><tr><td>Stranded conductor</td><td>0.5 ... 4 mm² / 20 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.5 ... 4 mm² / 20 ... 12 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated ferrule</td><td>0.5 ... 1.5 mm² / 20 ... 16 AWG</td></tr><tr><td>Fine-stranded conductor; with ferrule; push-in termination</td><td>0.75 mm² / 18 AWG</td></tr><tr><td>Note (conductor cross-section)</td><td>Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.</td></tr><tr><td>Strip length</td><td>10 ... 11 mm / 0.39 ... 0.43 inches</td></tr><tr><td>Pole number</td><td>2</td></tr><tr><td>Wiring direction</td><td>Side-entry wiring</td></tr></table>	Connection technology	Push-in CAGE CLAMP®	Actuation type	Push-button	Connectable conductor materials	Copper	Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG	Solid conductor; push-in termination	0.75 ... 4 mm² / 18 ... 12 AWG	Stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG	Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG	Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm² / 20 ... 16 AWG	Fine-stranded conductor; with ferrule; push-in termination	0.75 mm² / 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	10 ... 11 mm / 0.39 ... 0.43 inches	Pole number	2	Wiring direction	Side-entry wiring
Connection technology	Push-in CAGE CLAMP®																											
Actuation type	Push-button																											
Connectable conductor materials	Copper																											
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG																											
Solid conductor; push-in termination	0.75 ... 4 mm² / 18 ... 12 AWG																											
Stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG																											
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG																											
Fine-stranded conductor; with insulated ferrule	0.5 ... 1.5 mm² / 20 ... 16 AWG																											
Fine-stranded conductor; with ferrule; push-in termination	0.75 mm² / 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	10 ... 11 mm / 0.39 ... 0.43 inches																											
Pole number	2																											
Wiring direction	Side-entry wiring																											
Total number of potentials	2																											
PE function	without PE contact																											

Physical data		
Pin spacing	12 mm / 0.472 inches	
Width	24 mm / 0.945 inches	
Height from the surface	22.3 mm / 0.878 inches	
Depth	35 mm / 1.378 inches	

Mechanical data		
Marking	plain	
Mounting type	Snap-in foot	

Material data		
Note (material data)	Information on material specifications can be found here	
Color	black	
Material group	I	
Insulation material	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire load	0.265 MJ	
Halogen-free	Yes	
Weight	13.8 g	

Commercial data		
PU (SPU)	500 pcs	
Country of origin	DE	
GTIN	4055143321327	
Customs tariff number	85369010000	

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Approvals for hazardous areas		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	1505030	ATEX Physikalisch Technische Bundesanstalt	EN 60079	PTB 03 ATEX 1189 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
			CCC CNEX	GB/T 3836.3	2020312313000178 (Ex eb IIC Gb, Ex eb I Mb)

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 862-532/999-950	

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.: 216-142 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.: 216-243 Ferrule; Sleeve for 1 mm² / AWG 18; insu- lated; electro-tin plated; electrolytic cop- per; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	Item No.: 216-143 Ferrule; Sleeve for 1 mm² / AWG 18; unin- sulated; 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; in- sulated; 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; un- insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored



1.1.2 Jumper

1.1.2.1 Jumper



[Item No.: 862-482](#)
Jumper; for conductor entry; insulated; black

1.1.3 Marking

1.1.3.1 Marking strip



[Item No.: 709-177](#)
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



[Item No.: 709-178](#)
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white

1.1.4 Test and measurement

1.1.4.1 Testing accessories



[Item No.: 210-136](#)
Test plug; 2 mm Ø; with 500 mm cable; red

1.1.5 Tool

1.1.5.1 Operating tool

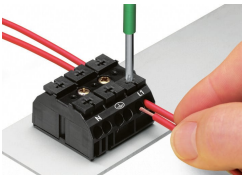


[Item No.: 210-720](#)
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

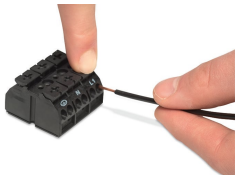
Installation Notes



Conductor termination



Terminating four conductors per pole – solid and fine-stranded.



Inserting a conductor via push-button.

Commoning

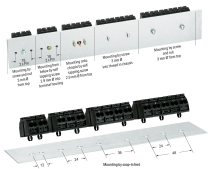


Commoning using a comb-style jumper bar (862-482).

Testing

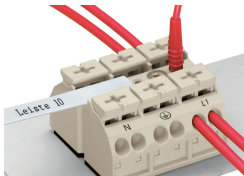


Testing with a 2 mm Ø test plug (max. 42 V).



Dimensions in mm

Marking



Marking by direct, one-side printing and marking strips