

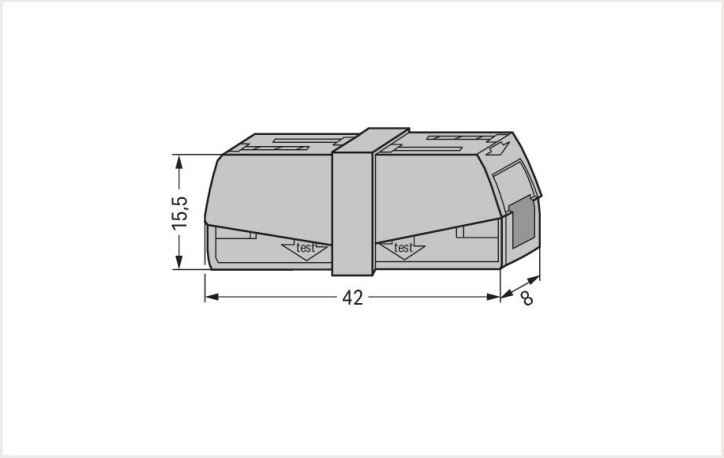
| : 224-201

Service connector; push-button on both sides; Lighting side: for all conductor types; Inst. side: for solid conductors; 224 Series; max. 2.5 mm²; Surrounding air temperature: max 60°C; 2,50 mm²; gray

<https://www.wago.com/224-201>



: gray



Dimensions in mm

Notes	
Safety information 1	in grounded power lines

Electrical data	
Ratings per IEC/EN	
Ratings per	EN 60664
Nominal voltage (II/2)	400 V
Rated surge voltage (II/2)	4 kV
Rated current	24 A
Legend (ratings)	(II / 2) Δ Overvoltage category II / Pollution degree 2

Connection data	
Total number of connection points	2
Total number of potentials	1
Connection 1	
Connection technology	CAGE CLAMP®
Actuation type	Push-in
Connectable conductor materials	Copper Aluminum

Connection 1

Connectable conductor materials (note)	Terminating Aluminum Conductors WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm²/12 AWG if WAGO "Alu-Plus" Contact Paste 249-130 is used for termination. "Alu-Plus" Contact Paste Advantages: • Automatically destroys the oxide film during clamping. • Prevents fresh oxidation at the clamping point. • Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block). • Provides long-term protection against corrosion. Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, aluminum conductors must first be cleaned with a blade and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste. It is also possible to apply WAGO "Alu-Plus" additionally on the whole surface of the aluminum conductor before termination. Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors:: 2.5 mm² = 16 A 4 mm² = 22 A
Solid conductor	0.5 ... 2.5 mm² / 20 ... 16 AWG
Fine-stranded conductor	0.5 ... 2.5 mm² / 20 ... 16 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 inches
Wiring direction	Side-entry wiring

Physical data	
Width	8 mm / 0.315 inches
Height	15.5 mm / 0.61 inches
Depth	42 mm / 1.654 inches

Material data	
Note (material data)	Information on material data can be found here
Color	gray
Fire load	0.097 MJ
Weight	4.6 g

Environmental requirements	
Ambient temperature (operation)	+60 °C

Commercial data

eCl@ss 10.0	27-14-11-03
eCl@ss 9.0	27-14-11-03
ETIM 8.0	EC000447
ETIM 7.0	EC000447
PU (SPU)	50 Stück
Packaging type	Box
Country of origin VKOrg Germany	CH
GTIN	4044918818407
Customs tariff number VKOrg Germany	85369010000

Approvals and certificates

Country specific Approvals



CSA DEKRA Certification B.V.	C22.2	1053495
VDE VDE Prüf- und Zertifizie- rungsinstitut	EN 60998	40022792

Ship Approvals



ABS American Bureau of Ship- ping	-	18-HG1755093-PDA
BV Bureau Veritas S.A.	EN 60998	11914/D0 BV
DNV GL Det Norske Veritas, Ger- manischer Lloyd	EN 60998	TAE000015T
LR Lloyds Register	EN 60998	04/20013 (E8)

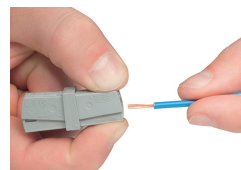
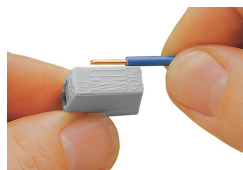
UL-Approvals



UL UL International Germany GmbH	EN 60998	CCA-2617-A1
UL UL International Germany GmbH	EN 60998	D-05895-A1 (EN60998-1 EN60998-2-2)
UL UL International Germany GmbH	UL 486C	E69654

Installation notes

Conductor termination



Strip conductor to 9 ... 11 mm (0.35 ... 0.43 inch).

To connect: Press button fully, insert striped conductor into square entry and release.

Application



Service connector