



Highlights

- 2 to 8 poles
- Push-In connection
- Spacing 5.08 mm
- Wire entry 45° to PCB
- With lever
- Test jack on every pole

Wire Sizes

Solid min	0.08 mm ²
Solid max	1.5 mm ²
Stranded (flexible) min	0.20 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	1.0 mm ²

Dimensions

Stripped length	11.0 mm
PCB hole diameter	1.4 mm

Materials

Solder tab	Brass
Clamp spring	Stainless Steel

Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Temperatures

Operating temperature (without mech. load)	-40 °C - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering temperature, recommended	260 °C
Peak soldering time, recommended	3-4 s

Spacing 5.08 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

BASALT GREY, RAL 7012

GREEN, RAL 6018

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

					
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	250 V	
Rated current	10 A	-	10 A	16 A	
Rated wire size				min	max
- solid	AWG 22-16	-	AWG 22-16	0.2 mm ²	1.5 mm ²
- stranded	AWG 22-16	-	AWG 22-16	0.2 mm ²	1.5 mm ²
Test voltage	1.60 kV	-	1.60 kV	2.0 kV	

Order Data (Spacing 5.08 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.16	AKZ4301/2KD-5.08-BASALTGREY	54301020421 D	50
3	15.24	AKZ4301/3KD-5.08-BASALTGREY	54301030421 D	50
4	20.32	AKZ4301/4KD-5.08-BASALTGREY	54301040421 D	50
5	25.40	AKZ4301/5KD-5.08-BASALTGREY	54301050421 D	50
6	30.48	AKZ4301/6KD-5.08-BASALTGREY	54301060421 D	50
7	35.56	AKZ4301/7KD-5.08-BASALTGREY	54301070421 D	50
8	40.64	AKZ4301/8KD-5.08-BASALTGREY	54301080421 D	50



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // **AKZ4301/..KD-5.08-BASALTGREY**

Spacing 5.08 mm

Technical drawing

