



Highlights

2 to 8 poles
1 and 2 pole modules
Spacing 10.16 mm
Lift type
Wire entry 45° to PCB
24 A with 2.5 mm² wire
Max. 1.000 V

Wire Sizes

Solid min	0.14 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	1.5 mm ²

Dimensions

Stripped length	7.0 mm
PCB hole diameter	1.3 mm

Materials

Clamp	Brass
Screw	Steel
Solder tab	Copper Alloy

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

Spacing 10.16 mm

Wave Soldering Process

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

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

GREEN, RAL 6018

GREY, RAL 7016

BLUE, RAL 5015

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	150 V	300 V	1000 V	
Rated current	15 A	15 A	-	24 A	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.40 Nm	
Screw size	M2.6	M2.6	M2.6	M2.6	
Test voltage	1.60 kV	1.30 kV	1.60 kV	3.5 kV	

Order Data (Spacing 10.16 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ300/2-10.16-GREY	50300020161 F	200
3	26.00	AKZ300/3-10.16-GREY	50300030161 F	200
4	36.16	AKZ300/4-10.16-GREY	50300040161 E	100
5	46.32	AKZ300/5-10.16-GREY	50300050161 E	100
6	56.48	AKZ300/6-10.16-GREY	50300060161 D	50



PTR HARTMANN

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Technical Data // **AKZ300/..-10.16-GREY**

Spacing 10.16 mm

Technical drawing

