



Highlights

- 2 to 12 poles
- 2 and 3 pole modules
- Spacing 5.0 mm
- Lift type
- Wire entry 45° to PCB
- 24 A with 2.5 mm² wire

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

Wave Soldering Process

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

**Technical Data // AK300/..-5.0-GREY**

Spacing 5.0 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

GREY, RAL 7016


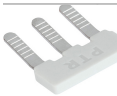

GREEN, RAL 6018

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	-	300 V	250 V	
Rated current	15 A	-	10 A	24 A	
Rated wire size				min	max
- solid	AWG 22-12	-	AWG 22-12	0.5 mm ²	2.5 mm ²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 22-12	-	AWG 22-12	0.5 mm ²	1.5 mm ²
Torque	0.40 Nm	-	0.40 Nm	0.40 Nm	
Screw size	M2.6	-	M2.6	M2.6	
Test voltage	1.60 kV	-	1.60 kV	2.0 kV	

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Art.-Nr. 50000000008



Technical Data // **AK300/..-5.0-GREY**

Spacing 5.0 mm

Order Data (Spacing 5.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	10.60	AK300/2-5.0-GREY	50300020041 F	200
3	15.60	AK300/3-5.0-GREY	50300030041 F	200
4	20.60	AK300/4-5.0-GREY	50300040041 F	200
5	25.60	AK300/5-5.0-GREY	50300050041 F	200
6	30.60	AK300/6-5.0-GREY	50300060041 F	200
7	35.60	AK300/7-5.0-GREY	50300070041 E	100
8	40.60	AK300/8-5.0-GREY	50300080041 E	100
9	45.60	AK300/9-5.0-GREY	50300090041 E	100
10	50.60	AK300/10-5.0-GREY	50300100041 D	50
11	55.60	AK300/11-5.0-GREY	50300110041 D	50
12	60.60	AK300/12-5.0-GREY	50300120041 D	50

Technical drawing

