

## AKZ300/..-5.08-GREY



A Phoenix Mecano Brand



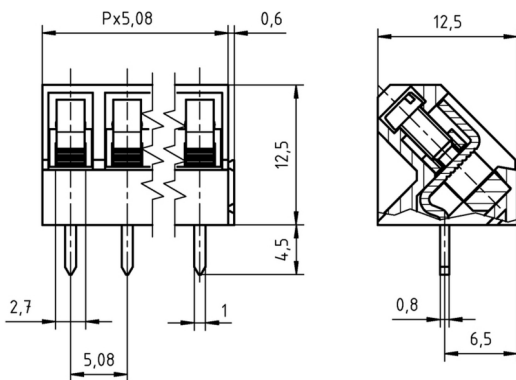
## Technical Data

Wire sizes		Insulating Material	
Solid min	0.14 mm <sup>2</sup>	Material	PA 6.6
Solid max	2.5 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	1.5 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.5 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	260 °C
Stripped Length	7.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.3 mm	<b>Reflow Process</b>	
<b>Materials</b>		Soldering Temperature, recommended	-
Clamp	Brass	Peak Soldering Time, recommended	-
Screw	Steel		
Solder Tab	Copper Alloy		

## 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.



## Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ300/2-5.08-GREY	50300020141 F	200
3	15.84	AKZ300/3-5.08-GREY	50300030141 F	200
4	20.92	AKZ300/4-5.08-GREY	50300040141 F	200
5	26.00	AKZ300/5-5.08-GREY	50300050141 F	200
6	31.08	AKZ300/6-5.08-GREY	50300060141 F	200
7	36.16	AKZ300/7-5.08-GREY	50300070141 E	100
8	41.24	AKZ300/8-5.08-GREY	50300080141 E	100
9	46.32	AKZ300/9-5.08-GREY	50300090141 E	100
10	51.40	AKZ300/10-5.08-GREY	50300100141 D	50
11	56.48	AKZ300/11-5.08-GREY	50300110141 D	50
12	61.56	AKZ300/12-5.08-GREY	50300120141 D	50

## Accessoires

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

## Ratings

UseGroup	cRU <sup>®</sup> US			VDE	
	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 <sup>2</sup>	2.5 mm <sup>2</sup>
- stranded	AWG 22-12	-	AWG 22-12	0.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
Torque	0.50 Nm	-	0.50 Nm	0.40 Nm	
Screw Size	M2.6	-	M2.6	M2.6	
Test Voltage	1.60 kV	-	1.60 kV	2.0 kV	