

## AKZ250/..-5.08-V-GREEN





PTR

A Phoenix Mecano Brand

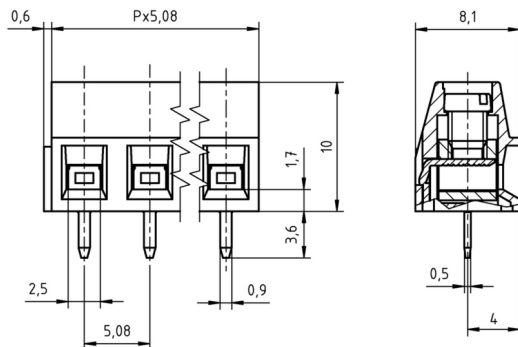
## Technical Data

Wire sizes		Insulating Material	
Solid min	0.14 mm <sup>2</sup>	Material	PA 6.6
Solid max	1.5 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	6.0 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	Bronze		

## Colours

	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.



## Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.76	AKZ250/2-5.08-V-GREEN	50250020001 F	200
3	15.84	AKZ250/3-5.08-V-GREEN	50250030001 F	200
4	20.92	AKZ250/4-5.08-V-GREEN	50250040001 F	200
5	26.00	AKZ250/5-5.08-V-GREEN	50250050001 F	200
6	31.08	AKZ250/6-5.08-V-GREEN	50250060001 E	100
7	36.16	AKZ250/7-5.08-V-GREEN	50250070001 E	100
8	41.24	AKZ250/8-5.08-V-GREEN	50250080001 E	100
9	46.32	AKZ250/9-5.08-V-GREEN	50250090001 E	100
10	51.40	AKZ250/10-5.08-V-GREEN	50250100001 D	50
11	56.48	AKZ250/11-5.08-V-GREEN	50250110001 D	50
12	61.56	AKZ250/12-5.08-V-GREEN	50250120001 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	C <sup>RU</sup> US			VDE	
	B	C	D	250 V	
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	15 A	15 A	10 A	13 A	
Rated Wire Size				min	max
- solid	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
- stranded	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.60 kV	1.30 kV	1.60 kV	2.0 kV	