

AKZ250/..-5.08-V-GREEN



A Phoenix Mecano Brand

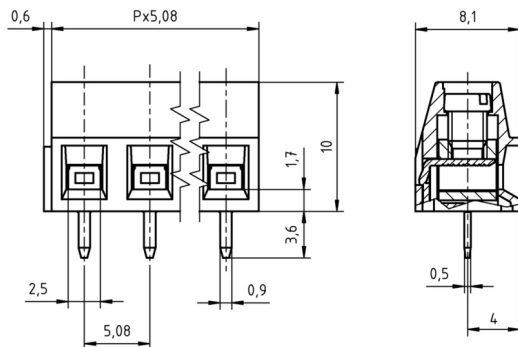
Technical Data

Wire sizes		Insulating Material	
Solid min	0.14 mm ²	Material	PA 6.6
Solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.14mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	260 °C
Stripped Length	6.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.3 mm	Reflow Process	
Materials		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	cRU [®] US			VDE	
	B	C	D		
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 ²	1.5 mm ²
- stranded	AWG 28-14	AWG 28-14	AWG 28-14	0.5 mm ²	1.5 mm ²
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	