

# AKZ120/..DS-5.08-H-GREY



A Phoenix Mecano Brand

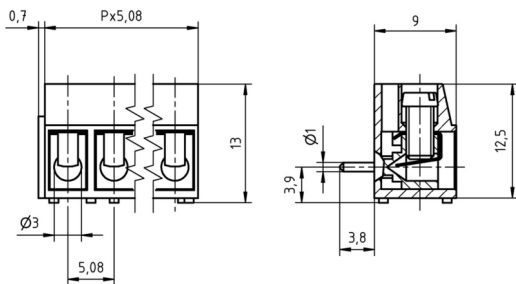
## Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 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	0.2mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	2.5 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.2 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	2.5 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	-
Wire Guard	Stainless Steel		
Screw	Steel		

## Colours

	GREY, RAL 7016
	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	10.86	AKZ120/2DS-5.08-H-GREY	50120020130 G	250
3	15.94	AKZ120/3DS-5.08-H-GREY	50120030130 G	250
4	21.02	AKZ120/4DS-5.08-H-GREY	50120040130 G	250
5	26.10	AKZ120/5DS-5.08-H-GREY	50120050130 G	250
6	31.18	AKZ120/6DS-5.08-H-GREY	50120060130 F	200
7	36.26	AKZ120/7DS-5.08-H-GREY	50120070130 F	200
8	41.34	AKZ120/8DS-5.08-H-GREY	50120080130 E	100
9	46.42	AKZ120/9DS-5.08-H-GREY	50120090130 E	100
10	51.50	AKZ120/10DS-5.08-H-GREY	50120100130 E	100
11	56.58	AKZ120/11DS-5.08-H-GREY	50120110130 E	100
12	61.66	AKZ120/12DS-5.08-H-GREY	50120120130 E	100

## 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 <sub>RU</sub> US			VDE	
	B	C	D		
Rated Voltage	300 V	-	300 V		250 V
Rated Current	20 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> / 2.5 mm <sup>2</sup>
Torque	0.45 Nm	-	0.45 Nm		0.50 Nm
Screw Size	M3	-	M3		M3
Test Voltage	1.60 kV	-	1.60 kV		2.0 kV