

AK100/..DS-5.0-V-GREY



A Phoenix Mecano Brand

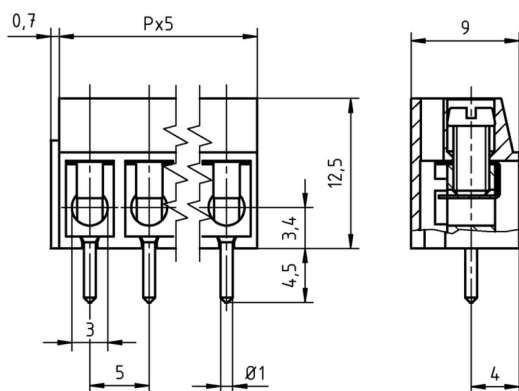
Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	2.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	260 °C
Stripped Length	7.0 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	-
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016
	BLACK, RAL 9011
	BLUE, RAL 5015

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	10.70	AK100/2DS-5.0-V-GREY	50100020121 G	250
3	15.70	AK100/3DS-5.0-V-GREY	50100030121 G	250
4	20.70	AK100/4DS-5.0-V-GREY	50100040121 G	250
5	25.70	AK100/5DS-5.0-V-GREY	50100050121 G	250
6	30.70	AK100/6DS-5.0-V-GREY	50100060121 F	200
7	35.70	AK100/7DS-5.0-V-GREY	50100070121 F	200
8	40.70	AK100/8DS-5.0-V-GREY	50100080121 E	100
9	45.70	AK100/9DS-5.0-V-GREY	50100090121 E	100
10	50.70	AK100/10DS-5.0-V-GREY	50100100121 E	100
11	55.70	AK100/11DS-5.0-V-GREY	50100110121 E	100
12	60.70	AK100/12DS-5.0-V-GREY	50100120121 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	cRU [®] 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 ²	2.5 mm ²
- stranded	AWG 22-12	-	AWG 22-12	0.5 mm ²	2.5 mm ²
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	