

AK100/..DS-5.0-H-GREY-BL



A Phoenix Mecano Brand

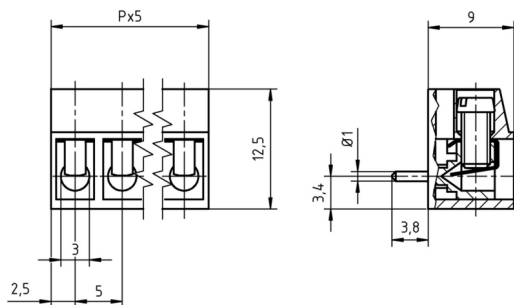
Technical Data

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	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	-
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

GREY, RAL 7016

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	10.00	AK100/2DS-5.0-H-GREY-BL	50100022150 G	250
3	15.00	AK100/3DS-5.0-H-GREY-BL	50100032150 G	250
4	20.00	AK100/4DS-5.0-H-GREY-BL	50100042150 G	250
5	25.00	AK100/5DS-5.0-H-GREY-BL	50100052150 G	250
6	30.00	AK100/6DS-5.0-H-GREY-BL	50100062150 F	200
7	35.00	AK100/7DS-5.0-H-GREY-BL	50100072150 F	200
8	40.00	AK100/8DS-5.0-H-GREY-BL	50100082150 E	100
9	45.00	AK100/9DS-5.0-H-GREY-BL	50100092150 E	100
10	50.00	AK100/10DS-5.0-H-GREY-BL	50100102150 E	100
11	55.00	AK100/11DS-5.0-H-GREY-BL	50100112150 E	100
12	60.00	AK100/12DS-5.0-H-GREY-BL	50100122150 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	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	