

AK100/..DS-10.0-V-GREY






A Phoenix Mecano Brand

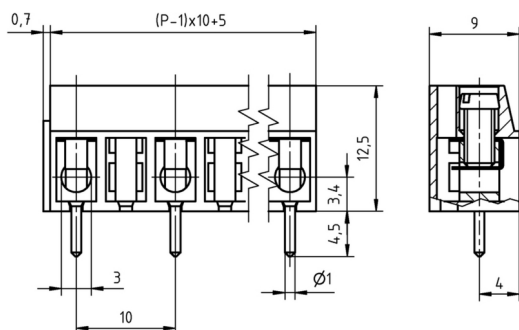
Technical Data

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	0.2 mm 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 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK100/2DS-10.0-V-GREY	50100020190 G	250
3	25.70	AK100/3DS-10.0-V-GREY	50100030190 G	250
4	35.70	AK100/4DS-10.0-V-GREY	50100040190 F	200
5	45.70	AK100/5DS-10.0-V-GREY	50100050190 E	100
6	55.70	AK100/6DS-10.0-V-GREY	50100060190 E	100
7	65.70	AK100/7DS-10.0-V-GREY	50100070190 D	50
8	75.70	AK100/8DS-10.0-V-GREY	50100080190 D	50
9	85.70	AK100/9DS-10.0-V-GREY	50100090190 D	50
10	95.70	AK100/10DS-10.0-V-GREY	50100100190 D	50
11	105.70	AK100/11DS-10.0-V-GREY	50100110190 D	50
12	115.70	AK100/12DS-10.0-V-GREY	50100120190 D	50

Ratings

UseGroup	C _{RU} US			VDE	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	1.000 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
- stranded	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm ²	2.5 mm ²
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.60 kV	1.30 kV	1.60 kV	3.5 kV	