

## AK100/..DS-10.0-H-GREY-BL



## 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	0.2 mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	2.5 mm <sup>2</sup>	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
Stranded with Ferrule max	2.5 mm <sup>2</sup>	Soldering Temperature, recommended	265 °C
<b>Dimensions</b>		Peak Soldering Time, recommended	3 s / 10 s
Stripped Length	6.0 mm	<b>Reflow Process</b>	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
<b>Materials</b>		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

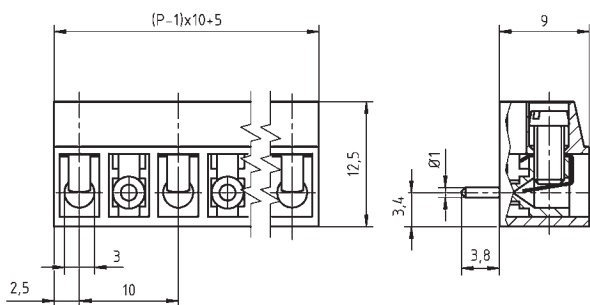
## Colours

■ GREY, RAL 7016

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

## Order Data (Spacing 10.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.00	AK100/2DS-10.0-H-GREY-BL	50100022240G	250
3	25.00	AK100/3DS-10.0-H-GREY-BL	50100032240G	250
4	35.00	AK100/4DS-10.0-H-GREY-BL	50100042240F	200
5	45.00	AK100/5DS-10.0-H-GREY-BL	50100052240E	100
6	55.00	AK100/6DS-10.0-H-GREY-BL	50100062240E	100



## Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	750 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 <sup>2</sup>
	stranded	AWG 22-12	AWG 22-12	AWG 22-12	2.5 mm <sup>2</sup>
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	3.5 kV	