





# AK110/..DS-7.5-V-GREY



### Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA 6.6
solid max	4.0 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	3-4 s
Stripped Length	7.0 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		

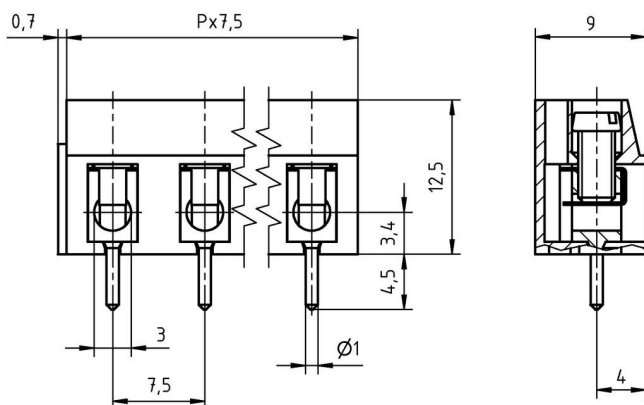
### Colours

GREY	RAL7016	
BLACK	RAL9011	
RED	RAL3003	
LIGHT GREEN	similar RAL 6018	

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

### Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK110/2DS-7.5-V-GREY	50110020070F	200
3	23.20	AK110/3DS-7.5-V-GREY	50110030070F	200
4	30.70	AK110/4DS-7.5-V-GREY	50110040070F	200
5	38.20	AK110/5DS-7.5-V-GREY	50110050070E	100
6	45.70	AK110/6DS-7.5-V-GREY	50110060070E	100
7	53.20	AK110/7DS-7.5-V-GREY	50110070070E	100
8	60.70	AK110/8DS-7.5-V-GREY	50110080070E	100
9	68.20	AK110/9DS-7.5-V-GREY	50110090070E	100
10	75.70	AK110/10DS-7.5-V-GREY	50110100070D	50
11	83.20	AK110/11DS-7.5-V-GREY	50110110070D	50
12	90.70	AK110/12DS-7.5-V-GREY	50110120070D	50



### Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	150 V	-	500 V	
Rated Current	20 A	20 A	-	24 A	
Rated Wire Size				min	max
	solid	AWG 22-14	AWG 22-14	0.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
	stranded	AWG 22-14	AWG 22-14	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	1.6 kV	1.6 kV	-	3.0 kV	