

# AK550/..DS-3.5-H-GREY



A Phoenix Mecano Brand

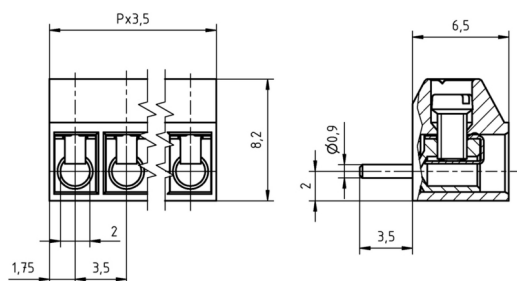
## Technical Data

Wire sizes		Insulating Material	
Solid min	0.08 mm <sup>2</sup>	Material	PA 6.6
Solid max	1.5 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.08mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	1.0 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.14 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	0.5 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	260 °C
Stripped Length	5.5 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.2 mm	<b>Reflow Process</b>	
<b>Materials</b>		Soldering Temperature, recommended	-
Clamp	Brass	Peak Soldering Time, recommended	-
Wire Guard	Stainless Steel		
Screw	Steel		

## Colours

	GREY, RAL 7016
	GREEN, RAL 6018
	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 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK550/2DS-3.5-H-GREY	50550020171 G	250
3	10.50	AK550/3DS-3.5-H-GREY	50550030171 G	250
4	14.00	AK550/4DS-3.5-H-GREY	50550040171 G	250
5	17.50	AK550/5DS-3.5-H-GREY	50550050171 G	250
6	21.00	AK550/6DS-3.5-H-GREY	50550060171 G	250
7	24.50	AK550/7DS-3.5-H-GREY	50550070171 G	250
8	28.00	AK550/8DS-3.5-H-GREY	50550080171 E	100
9	31.50	AK550/9DS-3.5-H-GREY	50550090171 E	100
10	35.00	AK550/10DS-3.5-H-GREY	50550100171 D	50
11	38.50	AK550/11DS-3.5-H-GREY	50550110171 D	50
12	42.00	AK550/12DS-3.5-H-GREY	50550120171 D	50
13	45.50	AK550/13DS-3.5-H-GREY	50550130171 D	50
14	49.00	AK550/14DS-3.5-H-GREY	50550140171 D	50
15	52.50	AK550/15DS-3.5-H-GREY	50550150171 D	50
16	56.00	AK550/16DS-3.5-H-GREY	50550160171 D	50

## Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BR1/2-7.0/7.62-L7.5-LIGHT GREY	Order Data: 50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	Order Data: 50000000029
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	Order Data: 50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	Order Data: 50000000016

## Ratings

UseGroup	C <sup>RU</sup> US			VDE	
	B	C	D		
Rated Voltage	125 V	-	-	130 V	
Rated Current	6 A	-	-	13.5 A	
Rated Wire Size				min	max
- solid	AWG 28-16	-	-	0.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>
- stranded	AWG 28-16	-	-	0.5 mm <sup>2</sup>	1.0 mm <sup>2</sup>
Torque	0.25 Nm	-	-	0.20 Nm	
Screw Size	M2	-	-	M2	
Test Voltage	1.25 kV	-	-	1.25 kV	