



Highlights

2 to 12 poles

Push-In connection

Spacing 3.5 mm

Direct plugging Technology, direct contacting of PCB

Three wire connections per pole

Open ends

Wire Sizes

Solid min	0.34 mm ²
Solid max	0.5 mm ²
Stranded (flexible) min	-
Stranded (flexible) max	-
Stranded with ferrule min	-
Stranded with ferrule max	-

Dimensions

Stripped length	8.5 mm
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Materials

Contact spring	Copper Alloy
Clamp spring	Stainless Steel

Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Temperatures

Operating temperature	-40 °C (without mech. load) - 105 °C
Store temperature	-40 °C - 105 °C

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Spacing 3.5 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

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.

Ratings

				**	
UseGroup	B	C	D		
Rated voltage	150 V	-	300 V	160 V	
Rated current	5 A	-	-	6 A	
Overvoltage category				III	
Rated wire size				min	max
- solid	AWG 22-20	-	AWG 22-20	-	0.5 mm ² (6 A)
- stranded	-	-	-	-	-
Test voltage	1.30 kV	-	1.60 kV	2.5 kV	
Pollution degree				3	

** angelehnt an EN 61984

Order Data (Spacing 3.5 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK4350/2-3.5-GREEN	54350020011 F	200
3	10.50	AK4350/3-3.5-GREEN	54350030011 F	200
4	14.00	AK4350/4-3.5-GREEN	54350040011 E	100
5	17.50	AK4350/5-3.5-GREEN	54350050011 E	100
6	21.00	AK4350/6-3.5-GREEN	54350060011 D	50
7	24.50	AK4350/7-3.5-GREEN	54350070011 D	50
8	28.00	AK4350/8-3.5-GREEN	54350080011 D	50
9	31.50	AK4350/9-3.5-GREEN	54350090011 D	50
10	35.00	AK4350/10-3.5-GREEN	54350100011 D	50
11	38.50	AK4350/11-3.5-GREEN	54350110011 D	50
12	42.00	AK4350/12-3.5-GREEN	54350120011 D	50



Technical Data // AK4350/..-3.5-GREEN

PTR HARTMANN

A Phoenix Mecano Company

Spacing 3.5 mm

Technical drawing

