



Highlights

2 to 12 poles

Push-In connection

Spacing 3.5 mm

Direct plugging Technology, direct contacting of PCB

Three wire connections per pole

Closed ends

Wire Sizes

Solid min 0.34 mm²

Solid max 0.5 mm²

Stranded (flexible) min

-

Stranded (flexible) max

-

Stranded with ferrule min

-

Stranded with ferrule max

-

Dimensions

Stripped length 8.5 mm

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

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	-	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	AK4350/2G-3.5-GREEN	54350020001 F	200
3	10.50	AK4350/3G-3.5-GREEN	54350030001 F	200
4	14.00	AK4350/4G-3.5-GREEN	54350040001 E	100
5	17.50	AK4350/5G-3.5-GREEN	54350050001 E	100
6	21.00	AK4350/6G-3.5-GREEN	54350060001 D	50
7	24.50	AK4350/7G-3.5-GREEN	54350070001 D	50
8	28.00	AK4350/8G-3.5-GREEN	54350080001 D	50
9	31.50	AK4350/9G-3.5-GREEN	54350090001 D	50
10	35.00	AK4350/10G-3.5-GREEN	54350100001 D	50
11	38.50	AK4350/11G-3.5-GREEN	54350110001 D	50
12	42.00	AK4350/12G-3.5-GREEN	54350120001 D	50



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

PTR HARTMANN

A Phoenix Mecano Company

Spacing 3.5 mm

Technical drawing

