PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 12 poles	
Push-In connection	
Spacing 3.5 mm	
Direct pluging Technology, direct contacting of PCB	
Three wire connections per pole	
Open 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 (without mech. load)	-40 °C - 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

		c UL us			**
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 mm² (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

Spacing 3.5 mm

Technical drawing

