



Highlights

2 to n poles

Tension spring type

Spacing 10.0 mm

Wire entry 45° to PCB

Two-tier terminal

Wire Sizes

Solid min	0.08 mm ²
Solid max	2.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	2.5 mm ²
Stranded with ferrule min	0.14 mm ²
Stranded with ferrule max	1.5 mm ²

Dimensions

Stripped length	6.0 mm
PCB hole diameter	1.3 mm

Materials

Solder tab	Copper Alloy
Tension 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	260 °C
Peak soldering time, recommended	3-4 s

Spacing 10.0 mm

Reflow Process

Soldering temperature, recommended -

Peak soldering time, recommended -

Colours

TRAFFIC GREY, RAL 7042

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	300 V	-	300 V
Rated current	16 A	-	-
Rated wire size			
- solid	AWG 28-14	-	AWG 28-14
- stranded	AWG 28-14	-	AWG 28-14
Test voltage	1.60 kV	-	1.60 kV

* angelehnt an UL 1059 (XCFR2.E101811)und CSA 22.2 No. 158 (XCFR8.E101811)

Order Data (Spacing 10.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	16.70	AK3750/2-10.0-GREEN	53750020204 E	100
3	26.70	AK3750/3-10.0-GREEN	53750030204 E	100
4	36.70	AK3750/4-10.0-GREEN	53750040204 D	50
5	46.70	AK3750/5-10.0-GREEN	53750050204 D	50
6	56.70	AK3750/6-10.0-GREEN	53750060204 D	50
7	66.70	AK3750/7-10.0-GREEN	53750070204 D	50
8	76.70	AK3750/8-10.0-GREEN	53750080204 D	50
9	86.70	AK3750/9-10.0-GREEN	53750090204 D	50
10	96.70	AK3750/10-10.0-GREEN	53750100204 D	50
11	106.70	AK3750/11-10.0-GREEN	53750110204 D	50
12	116.70	AK3750/12-10.0-GREEN	53750120204 D	50



PTR HARTMANN

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Technical Data // **AK3750/..-10.0-GREEN**

Spacing 10.0 mm

Technical drawing

