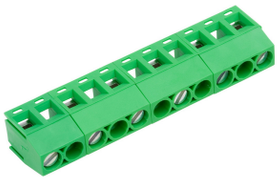
PTR HARTMANN
A Phoenix Mecano Company



Highlights	
2 to 6 poles	
1 and 2 pole modules	
Spacing 10.16 mm	
Lift type	
Wire entry vertical to PCB	
Max. 1.000 V	
Wire Sizes	
Solid min	0.14 mm²
Solid max	2.5 mm²
Stranded (flexible) min	0.14 mm²
Stranded (flexible) max	1.5 mm²
Stranded with ferrule min	0.25 mm²
Stranded with ferrule max	1.5 mm²
Dimensions	
Stripped length	6.0 mm
PCB hole diameter	1.3 mm
Materials	
Clamp	Brass
Screw	Steel
Solder tab	Brass
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	260 °C
Peak soldering time, recommended	3-4 s

Spacing 10.16 mm

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

GREEN, RAL 6018

LIGHT GREY, RAL 7035

BLUE, RAL 5015

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			VDE	
UseGroup	B	C	D		
Rated voltage	300 V	150 V	300 V	1.000 V	
Rated current	15 A	15 A	10 A	17.5 A	
Rated wire size				min	max
- solid	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm²	2.5 mm²
- stranded	-	-	-	-	-
- stranded (flexible)	AWG 22-12	AWG 22-12	AWG 22-12	0.5 mm²	1.5 mm²
Torque	0.50 Nm	0.50 Nm	0.50 Nm	0.50 Nm	
Screw size	M3	M3	M3	M3	
Test voltage	1.60 kV	1.30 kV	1.60 kV	3.5 kV	

Order Data (Spacing 10.16 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ350/2-10.16-H-GREEN	50350020221 F	200
3	26.00	AKZ350/3-10.16-H-GREEN	50350030221 F	200
4	36.16	AKZ350/4-10.16-H-GREEN	50350040221 E	100
5	46.32	AKZ350/5-10.16-H-GREEN	50350050221 E	100
6	56.48	AKZ350/6-10.16-H-GREEN	50350060221 D	50
7	66.64	AKZ350/7-10.16-H-GREEN	50350070221 D	50
8	76.80	AKZ350/8-10.16-H-GREEN	50350080221 D	50
9	86.96	AKZ350/9-10.16-H-GREEN	50350090221 D	50
10	97.12	AKZ350/10-10.16-H-GREEN	50350100221 D	50
11	107.28	AKZ350/11-10.16-H-GREEN	50350110221 D	50
12	117.44	AKZ350/12-10.16-H-GREEN	50350120221 D	50

Spacing 10.16 mm

Technical drawing

