Lift | Spacing 3.81 mm

AKZ1550/..-3.81-GREEN

PTR
A Phoenix Mecano Brand

Technical Data

Wire sizes	
Solid min	0.14 mm²
Solid max	1.5 mm²
Stranded (flexible) min	0.14mm²
Stranded (flexible) max	1.5 mm²
Stranded with Ferrule min	0.25 mm²
Stranded with Ferrule max	1.0 mm²
Dimensions	
Stripped Length	7.0 mm
Materials	
Clamp	Brass
Screw	Bronze
Contact Spring	Bronze

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	-
Reflow Process	
Soldering Temperature, recommended	-
Peak Soldering Time, recommended	-

Colours

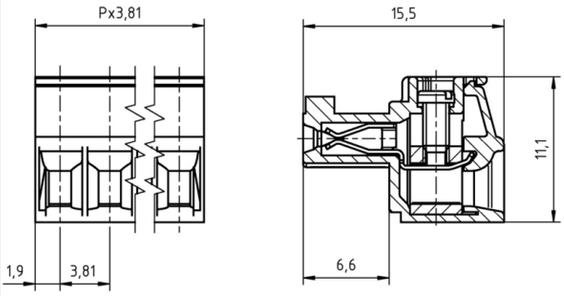
- GREEN, RAL 6018
- BLACK, RAL 9011
- BLUE, RAL 5015
- LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions. Special colours on request.

Counterparts (Spacing 3.81 mm)

Pin Strip		
STLZ1550	STLZ1570	STLZ1590

In combination of connectors with different admission data, the lower value is valid.



Order Data (Spacing 3.81 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.62	AKZ1550/2-3.81-GREEN	51550020025 F	200
3	11.43	AKZ1550/3-3.81-GREEN	51550030025 F	200
4	15.24	AKZ1550/4-3.81-GREEN	51550040025 F	200
5	19.05	AKZ1550/5-3.81-GREEN	51550050025 F	200
6	22.86	AKZ1550/6-3.81-GREEN	51550060025 E	100
7	26.67	AKZ1550/7-3.81-GREEN	51550070025 E	100
8	30.48	AKZ1550/8-3.81-GREEN	51550080025 D	50
9	34.29	AKZ1550/9-3.81-GREEN	51550090025 D	50
10	38.10	AKZ1550/10-3.81-GREEN	51550100025 D	50
11	41.91	AKZ1550/11-3.81-GREEN	51550110025 D	50
12	45.72	AKZ1550/12-3.81-GREEN	51550120025 D	50
13	49.53	AKZ1550/13-3.81-GREEN	51550130025 D	50
14	53.34	AKZ1550/14-3.81-GREEN	51550140025 D	50
15	57.15	AKZ1550/15-3.81-GREEN	51550150025 D	50
16	60.96	AKZ1550/16-3.81-GREEN	51550160025 D	50
17	64.77	AKZ1550/17-3.81-GREEN	51550170025 D	50
18	68.58	AKZ1550/18-3.81-GREEN	51550180025 D	50
19	72.39	AKZ1550/19-3.81-GREEN	51550190025 D	50
20	76.20	AKZ1550/20-3.81-GREEN	51550200025 D	50

Accessoires

Figure	Designation	Article Number
	Series AK(Z)1550 with pull relief	Order Data: on request
	Bridge, 2-pole, BR/2-3.5/3.81-L7.5	Order Data: 50000000015
	Bridge, 3-pole, BR/3-3.5/3.81-L7.5	Order Data: 50000000016
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Order Data: 50000000018
	Bridge, 2-pole, angled, BR/2-3.5/3.81-H-L7.5	Order Data: 50000000029

Ratings

		c UL us		VDE	
UseGroup	B	C	D		
Rated Voltage	300 V	-	300 V	160 V	
Rated Current	8 A	-	8 A	8 A	
Overvoltage Category				III	
Rated Wire Size				min	max
- solid	AWG 28-16	-	AWG 28-16	0.5 mm² (6 A)	1.5 mm² (8 A)
- stranded	AWG 28-16	-	AWG 28-16	0.5 mm² (6 A)	1.5 mm² (8 A)
Torque	0.25 Nm	-	0.25 Nm	0.25 Nm	
Screw Size	M2	-	M2	M2	
Test Voltage	1.60 kV	-	1.60 kV	2.5 kV	
Pollution Degree				3	