AK750/..-5.0-V-GREEN
AKZ750/..-5.08-V-GREEN

Technical Data

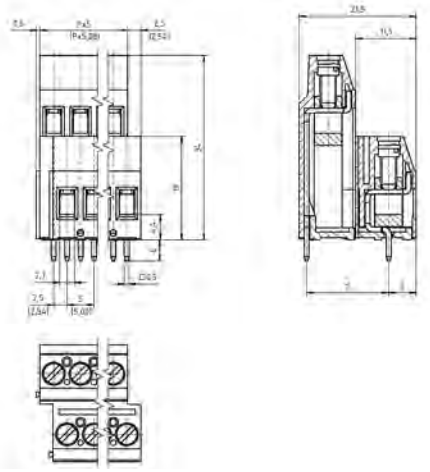
Wire Sizes	
Solid min	0.2 mm²
Solid max	4.0 mm²
Stranded (flexible) min	0.2 mm²
Stranded (flexible) max	2.5 mm²
Stranded with Ferrule min	0.25 mm²
Stranded with Ferrule max	2.5 mm²
Dimensions	
Stripped Length	8.0 mm
PCB Hole Diameter	1.3 mm
Materials	
Clamp	Brass
Screw	Steel
Solder Tag	Copper Alloy

Insulating Material	
Material	PA 6.6
Flammability Class	UL 94 V-0
Temperatures	
Operating Temperature	-30 °C - 105 °C
Wave Soldering Process	
Soldering Temperature, recommended	265 °C
Peak Soldering Time, recommended	3 s / 10 s
Reflow Process	
Soldering Temperature, recommended	-
Peak Soldering Time, recommended	-

Colours

- GREEN, RAL 6018
- LIGHT GREEN, similar RAL 6018
- GREY, RAL 7016

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



Order Data (Spacing 5.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.10	AK750/2-5.0-V-GREEN	50750020201D	50
3	18.10	AK750/3-5.0-V-GREEN	50750030201D	50
4	23.10	AK750/4-5.0-V-GREEN	50750040201D	50
5	28.10	AK750/5-5.0-V-GREEN	50750050201D	50
6	33.10	AK750/6-5.0-V-GREEN	50750060201D	50
7	38.10	AK750/7-5.0-V-GREEN	50750070201D	50
8	43.10	AK750/8-5.0-V-GREEN	50750080201D	50
9	48.10	AK750/9-5.0-V-GREEN	50750090201D	50
...	...	...	...	...
12	63.10	AK750/12-5.0-V-GREEN	50750120201D	50

Order Data (Spacing 5.08 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	13.30	AKZ750/2-5.08-V-GREEN	50750020210D	50
3	18.38	AKZ750/3-5.08-V-GREEN	50750030210D	50
4	23.46	AKZ750/4-5.08-V-GREEN	50750040210D	50
5	28.54	AKZ750/5-5.08-V-GREEN	50750050210D	50
6	33.62	AKZ750/6-5.08-V-GREEN	50750060210D	50
7	38.70	AKZ750/7-5.08-V-GREEN	50750070210D	50
8	43.78	AKZ750/8-5.08-V-GREEN	50750080210D	50
9	48.86	AKZ750/9-5.08-V-GREEN	50750090210D	50
...	...	...	...	...
12	64.10	AKZ750/12-5.08-V-GREEN	50750120210D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	50000000008
	Screw Cover SC-AK700-YELLOW	50700000004

See pages 282 ff for detail and general accessories and see pages 12/13 concerning services.

Ratings

Usegroup	B	C	D		
Rated Voltage	300 V	150 V	300 V	250 V	
Rated Current	20 A	20 A	10 A	24 A	
Rated Wire Size				min	max
solid	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm²	4.0 mm²
stranded	AWG 30-12	AWG 30-12	AWG 30-12	0.5 mm²	2.5 mm²
Torque	0.45 Nm	0.45 Nm	0.45 Nm	0.50 Nm	
Screw Size	M3	M3	M3	M3	
Test Voltage	1.6 kV	1.3 kV	1.6 kV	2.0 kV	