

AK500/..DS-5.0-V-GREY -BL



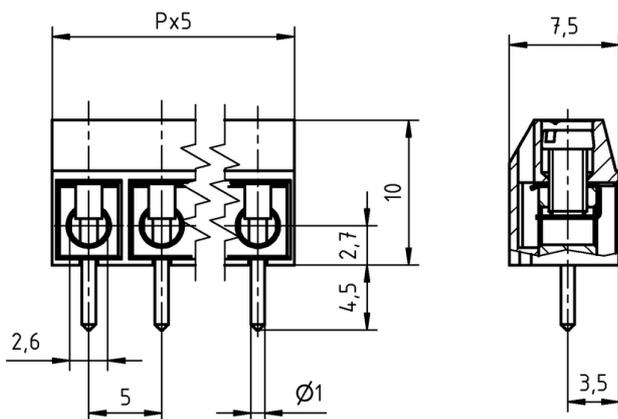
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
solid max	1.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	1.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3-4 s
Stripped Length	6.0 mm	Reflow Process	
PCB Hole Diameter	1.3 mm	Soldering Temperature, recommended	-
Materials		Peak Soldering Time, recommended	-
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

GREY	RAL7016	
BLACK	RAL9011	
GREEN	RAL6018	

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	10.00	AK500/2DS-5.0-V-GREY -BL	50500023121G	250
3	15.00	AK500/3DS-5.0-V-GREY -BL	50500033121G	250
4	20.00	AK500/4DS-5.0-V-GREY -BL	50500043121G	250
5	25.00	AK500/5DS-5.0-V-GREY -BL	50500053121G	250
6	30.00	AK500/6DS-5.0-V-GREY -BL	50500063121G	250
7	35.00	AK500/7DS-5.0-V-GREY -BL	50500073121G	250
8	40.00	AK500/8DS-5.0-V-GREY -BL	50500083121E	100
9	45.00	AK500/9DS-5.0-V-GREY -BL	50500093121E	100
10	50.00	AK500/10DS-5.0-V-GREY -BL	50500103121E	100
11	55.00	AK500/11DS-5.0-V-GREY -BL	50500113121E	100
12	60.00	AK500/12DS-5.0-V-GREY -BL	50500123121E	100

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

Ratings



Usegroup	B	C	D		
Rated Voltage	300 V	-	300 V	250 V	
Rated Current	15 A	-	10 A	17.5 A	
Rated Wire Size			min		max
	solid	AWG 22-14	-	AWG 22-14	0.5 mm ²
	stranded	AWG 22-14	-	AWG 22-14	0.5 mm ²
Torque	0.40 Nm		0.40 Nm		0.40 Nm
Screw Size	M2.6		M2.6		M2.6
Test Voltage	1.6 kV		1.6 kV		2.0 kV