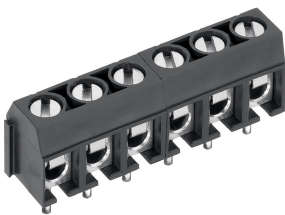




AK500/..DS-5.0-V-GREY



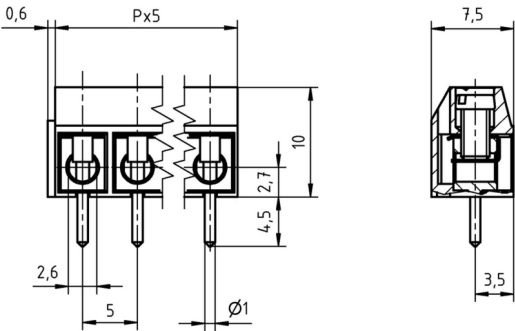
Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm²	Material	PA 6.6
Solid max	1.5 mm²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm²	Temperatures	
Stranded (flexible) max	1.5 mm²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.5 mm²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	265 °C
Stripped Length	6.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.3 mm	Reflow Process	
Materials		Soldering Temperature, recommended	-
Clamp	Brass	Peak Soldering Time, recommended	-
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL 7016
	BLACK, RAL 9011
	GREEN, RAL 6018
	BLUE, RAL 5015

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	10.60	AK500/2DS-5.0-V-GREY	50500020121 G	250
3	15.60	AK500/3DS-5.0-V-GREY	50500030121 G	250
4	20.60	AK500/4DS-5.0-V-GREY	50500040121 G	250
5	25.60	AK500/5DS-5.0-V-GREY	50500050121 G	250
6	30.60	AK500/6DS-5.0-V-GREY	50500060121 G	250
7	35.60	AK500/7DS-5.0-V-GREY	50500070121 G	250
8	40.60	AK500/8DS-5.0-V-GREY	50500080121 E	100
9	45.60	AK500/9DS-5.0-V-GREY	50500090121 E	100
10	50.60	AK500/10DS-5.0-V-GREY	50500100121 E	100
11	55.60	AK500/11DS-5.0-V-GREY	50500110121 E	100
12	60.60	AK500/12DS-5.0-V-GREY	50500120121 E	100

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000006
	Bridge, 3-pole, insulated, BRI/3-5.0/5.08-LIGHT GREY	Art.-Nr. 50000000007
	Bridge, 2-pole, BR/2-5.0/5.08-L7.0	Art.-Nr. 50000000008

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

Ratings

cFUS			VDE	
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 mm² 1.5 mm²
-stranded	AWG 22-14	-	AWG 22-14	0.5 mm² 1.5 mm²
Torque	0.40 Nm	-	0.40 Nm	0.40 Nm
Screw Size	M2.6	-	M2.6	M2.6
Test Voltage	1.60 kV	-	1.60 kV	2.0 kV