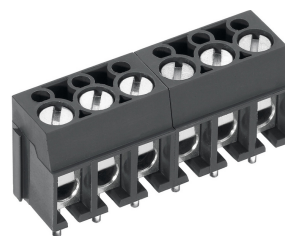


AK100/..DS-5.0-V-GREY



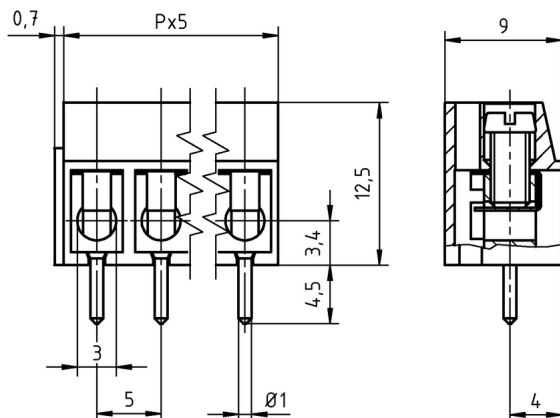
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm²	Material	PA 6.6
solid max	4.0 mm²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm²	Temperatures	
Stranded (flexible) max	2.5 mm²	Operating Temperature	-30 °C - 105 °C
		Wave Soldering Process	
Stranded with Ferrule min	0.2 mm²	Soldering Temperature, recommended	265 °C
Stranded with Ferrule max	2.5 mm²	Peak Soldering Time, recommended	3-4 s
		Reflow Process	
		Soldering Temperature, recommended	-
		Peak Soldering Time, recommended	-
Dimensions			
Stripped Length	7.0 mm		
PCB Hole Diameter	1.3 mm		
Materials			
Clamp	Brass		
Wire Guard	Stainless Steel		
Screw	Steel		

Colours

	GREY, RAL7016
	BLACK, RAL9011
	BLUE, RAL5015

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	10.70	AK100/2DS-5.0-V-GREY	50100020121G	250
3	15.70	AK100/3DS-5.0-V-GREY	50100030121G	250
4	20.70	AK100/4DS-5.0-V-GREY	50100040121G	250
5	25.70	AK100/5DS-5.0-V-GREY	50100050121G	250
6	30.70	AK100/6DS-5.0-V-GREY	50100060121F	200
7	35.70	AK100/7DS-5.0-V-GREY	50100070121F	200
8	40.70	AK100/8DS-5.0-V-GREY	50100080121E	100
9	45.70	AK100/9DS-5.0-V-GREY	50100090121E	100
10	50.70	AK100/10DS-5.0-V-GREY	50100100121E	100
11	55.70	AK100/11DS-5.0-V-GREY	50100110121E	100
12	60.70	AK100/12DS-5.0-V-GREY	50100120121E	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	20 A	-	10 A	24 A		
Rated Wire Size				min	max	
	solid	AWG 22-12	-	AWG 22-12	0.5 mm²	2.5 mm²
	stranded	AWG 22-12	-	AWG 22-12	0.5 mm²	2.5 mm²
Torque	0.45 Nm	-	0.45 Nm	0.50 Nm		
Screw Size	M3	-	M3	M3		
Test Voltage	1.6 kV	-	1.6 kV	2.0 kV		