

AK110/..DS-7.5-H-GREY



Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PA 6.6
Solid max	2.5 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	2.5 mm ²	Operating Temperature	-30 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Wave Soldering Process	
Stranded with Ferrule max	2.5 mm ²	Soldering Temperature, recommended	265 °C
Dimensions		Peak Soldering Time, recommended	3 s / 10 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, RAL 7016		BLACK, RAL 9011
	RED, RAL 3003		LIGHT GREEN, similar RAL 6018

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

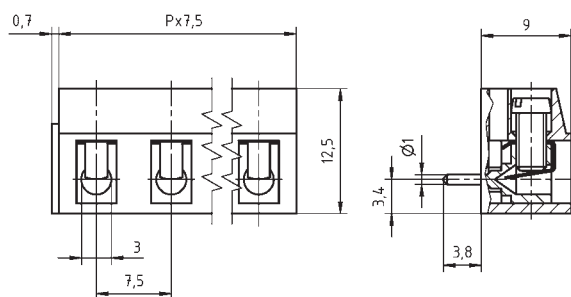
Order Data (Spacing 7.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.70	AK110/2DS-7.5-H-GREY	50110020100F	200
3	23.20	AK110/3DS-7.5-H-GREY	50110030100F	200
4	30.70	AK110/4DS-7.5-H-GREY	50110040100F	200
5	38.20	AK110/5DS-7.5-H-GREY	50110050100E	100
6	45.70	AK110/6DS-7.5-H-GREY	50110060100E	100
7	53.20	AK110/7DS-7.5-H-GREY	50110070100E	100
8	60.70	AK110/8DS-7.5-H-GREY	50110080100E	100
9	68.20	AK110/9DS-7.5-H-GREY	50110090100E	100
10	75.70	AK110/10DS-7.5-H-GREY	50110100100D	50
11	83.20	AK110/11DS-7.5-H-GREY	50110110100D	50
12	90.70	AK110/12DS-7.5-H-GREY	50110120100D	50

Accessories

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.5/7.62-L8.2-LIGHT GREY	50000000017

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



Ratings

		C		D	
Usegroup		B	C	D	
Rated Voltage		300 V	150 V	-	500 V
Rated Current		20 A	20 A	-	24 A
Rated Wire Size					min max
solid		AWG 22-14	AWG 22-14	-	0.5 mm ² 2.5 mm ²
stranded		AWG 22-14	AWG 22-14	-	0.5 mm ² 2.5 mm ²
Torque		0.45 Nm	0.45 Nm	-	0.50 Nm
Screw Size		M3	M3	-	M3
Test Voltage		1.6 kV	1.3 kV	-	3.0 kV