

AKZ500/..DS-10.16-H-GREY



A Phoenix Mecano Brand

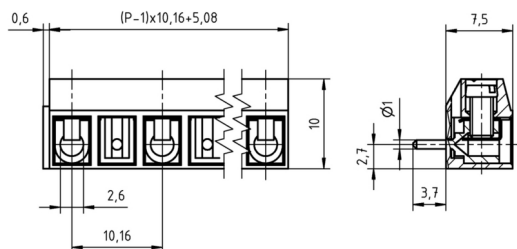
Technical Data

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	0.2mm ²	Temperatures	
Stranded (flexible) max	1.5 mm ²	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.2 mm ²	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	1.5 mm ²	Wave Soldering Process	
Dimensions		Soldering Temperature, recommended	260 °C
Stripped Length	5.0 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
- BLUE, RAL 5015

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



Order Data (Spacing 10.16 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	15.84	AKZ500/2DS-10.16-H-GREY	50500020251 G	250
3	26.00	AKZ500/3DS-10.16-H-GREY	50500030251 G	250
4	36.16	AKZ500/4DS-10.16-H-GREY	50500040251 G	250
5	46.32	AKZ500/5DS-10.16-H-GREY	50500050251 E	100
6	56.48	AKZ500/6DS-10.16-H-GREY	50500060251 E	100
7	66.64	AKZ500/7DS-10.16-H-GREY	50500070251 D	50
8	76.80	AKZ500/8DS-10.16-H-GREY	50500080251 D	50
9	86.96	AKZ500/9DS-10.16-H-GREY	50500090251 D	50
10	97.12	AKZ500/10DS-10.16-H-GREY	50500100251 D	50
11	107.28	AKZ500/11DS-10.16-H-GREY	50500110251 D	50
12	117.44	AKZ500/12DS-10.16-H-GREY	50500120251 D	50

Ratings

UseGroup	C ^{RU} US			VDE	
	B	C	D		
Rated Voltage	300 V	150 V	300 V	1.000 V	
Rated Current	15 A	15 A	10 A	17.5 A	
Rated Wire Size				min	max
- solid	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ²	1.5 mm ²
- stranded	AWG 22-14	AWG 22-14	AWG 22-14	0.5 mm ²	1.5 mm ²
Torque	0.40 Nm	0.40 Nm	0.40 Nm	0.40 Nm	
Screw Size	M2.6	M2.6	M2.6	M2.6	
Test Voltage	1.60 kV	1.30 kV	1.60 kV	3.5 kV	