

AK4091/..KD-4.0-WH-SMD



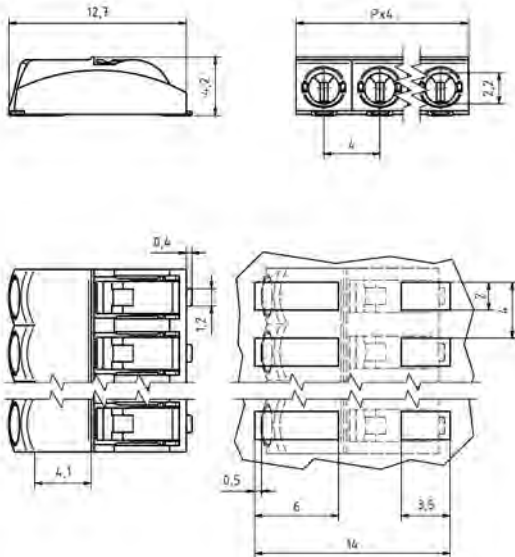
Technical Data

Wire Sizes		Insulating Material	
Solid min	0.2 mm ²	Material	PPA
Solid max	0.75 mm ²	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2 mm ²	Temperatures	
Stranded (flexible) max	0.75 mm ²	Operating Temperature	-60 °C - 105 °C
Stranded with Ferrule min	0.14 mm ²	Wave Soldering Process	
Stranded with Ferrule max	0.34 mm ²	Soldering Temperature, recommended	-
Dimensions		Peak Soldering Time, recommended	-
Stripped Length	7.0 mm	Reflow Process	
PCB Hole Diameter	-	Soldering Temperature, recommended	217-245 °C
Materials		Peak Soldering Time, recommended	60 s
Metal Parts	Copper Alloy		

Colours

□ WHITE, RAL 9003

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

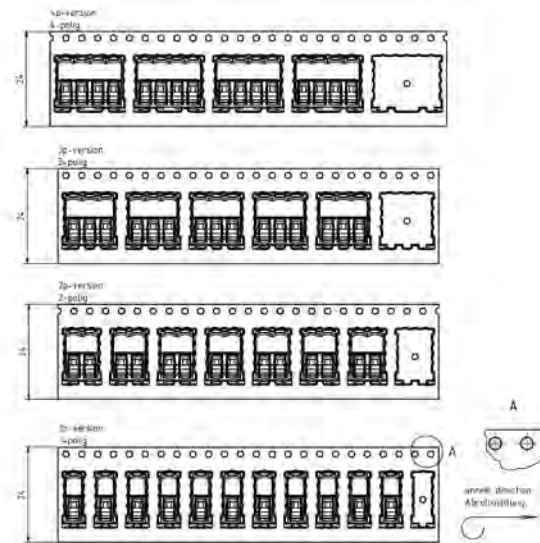


Order Data (Spacing 4.0 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
1	4.00	AK4091/1KD-4.0-WH-SMD	54091019001R	1500
2	8.00	AK4091/2KD-4.0-WH-SMD	54091029001R	1000
3	12.00	AK4091/3KD-4.0-WH-SMD	54091039001R	750
4	16.00	AK4091/4KD-4.0-WH-SMD	54091049001R	600

Tape on Reel

Poles	Reel (RD / ")	Width (R / mm)	Pitch (RP / mm)	Pieces (PCS)
1	13	24	8	1500
2	13	24	12	1000
3	13	24	16	750
4	13	24	20	600



Electrical Data



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Overvoltage Category	II		III		III		
Pollution Degree	2		2		3		
Rated Voltage	320 V		160 V		63 V		
Rated Voltage (1 pole)	600 V						
Rated Voltage (2 pole)	250 V						
Rated Current	9 A		9 A		9 A		
Rated Wire Size		min	max	min	max	min	max
	solid	AWG 24 -18	0.2 mm ²	0.75 mm ²	0.2 mm ²	0.75 mm ²	0.75 mm ²
	stranded	AWG 24 -18	0.2 mm ²	0.75 mm ²	0.2 mm ²	0.75 mm ²	0.75 mm ²
Test Voltage	-		2.5 kV		2.5 kV		2.5 kV

* Data according to EN 60664-1