

## AK4601/..KDVP-3.5-H-P3.3-BK-HT



- Pin length 1.5 mm also available

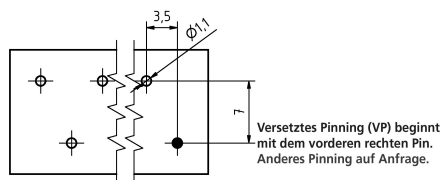
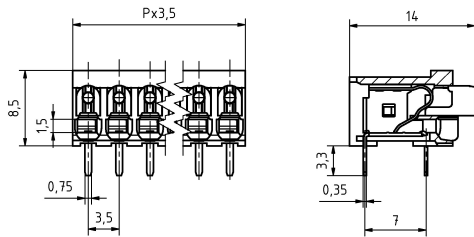
## Technical Data

Wire sizes		Insulating Material	
Solid min	0.2 mm <sup>2</sup>	Material	PA
Solid max	1.5 mm <sup>2</sup>	Flammability Class	UL 94 V-0
Stranded (flexible) min	0.2mm <sup>2</sup>	<b>Temperatures</b>	
Stranded (flexible) max	1.5 mm <sup>2</sup>	Operating Temperature (without mech. load)	-40 °C - 105 °C
Stranded with Ferrule min	0.25 mm <sup>2</sup>	Store Temperature	-40 °C - 105 °C
Stranded with Ferrule max	0.75 mm <sup>2</sup>	<b>Wave Soldering Process</b>	
<b>Dimensions</b>		Soldering Temperature, recommended	260 °C
Stripped Length	8.0 mm	Peak Soldering Time, recommended	3-4 s
PCB Hole Diameter	1.2 mm	<b>Reflow Process</b>	
<b>Materials</b>		Soldering Temperature, recommended	217 - 245 °C
Solder Tab	Copper Alloy	Peak Soldering Time, recommended	60 s
Clamp Spring	Stainless Steel		

## Colours

BLACK, RAL 9011

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



## Order Data (Spacing 3.5 mm)

Poles	Width (mm)	Article Designation	Article Number	PU
2	7.00	AK4601/2KDVP-3.5-H-P3.3-BK-HT	54601020352 G	250
3	10.50	AK4601/3KDVP-3.5-H-P3.3-BK-HT	54601030352 F	200
4	14.00	AK4601/4KDVP-3.5-H-P3.3-BK-HT	54601040352 F	200
5	17.50	AK4601/5KDVP-3.5-H-P3.3-BK-HT	54601050352 F	200
6	21.00	AK4601/6KDVP-3.5-H-P3.3-BK-HT	54601060352 E	100
7	24.50	AK4601/7KDVP-3.5-H-P3.3-BK-HT	54601070352 E	100
8	28.00	AK4601/8KDVP-3.5-H-P3.3-BK-HT	54601080352 E	100
9	31.50	AK4601/9KDVP-3.5-H-P3.3-BK-HT	54601090352 D	50
10	35.00	AK4601/10KDVP-3.5-H-P3.3-BK-HT	54601100352 D	50
11	38.50	AK4601/11KDVP-3.5-H-P3.3-BK-HT	54601110352 D	50
12	42.00	AK4601/12KDVP-3.5-H-P3.3-BK-HT	54601120352 D	50

## Ratings

UseGroup	cRU <sup>*</sup> US			DVE <sup>*</sup>	
	B	C	D		
Rated Voltage	300 V	-	300 V	630 V	
Rated Current	12 A	-	10 A	8 A	
Overvoltage Category				III	
Rated Wire Size			min		max
- solid	AWG 24-16	-	AWG 24-16	0.2 mm <sup>2</sup>	1.5 mm <sup>2</sup>
- stranded	AWG 24-16	-	AWG 24-16	0.2 mm <sup>2</sup>	1.5 mm <sup>2</sup>
Test Voltage	1.60 kV	-	1.60 kV	4.0 kV	
Pollution Degree				3	

\* Approval Pending