



**AVK 150**



Ordering Information	
Grey	304 350
Beige	304 359
Technical data	
Number of levels	1
Number of connections	2
Insulating material	PA
Inflammability class according to UL 94	V2
Packing Unit	4 pcs.
Maximum load current	309 A (with 150 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 Kv
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	309 A (150 mm <sup>2</sup> için) / 309 A (at 150 mm <sup>2</sup> )
Nominal voltage U <sub>N</sub>	1000 V
Continuous Operating Temp. Max.	120 °C
Continuous Operating Temp. Min.	-55 °C
Dimensions	
Width	31,00 mm
Length	95,50 mm
Height MR 35x7,5	107,50 mm
Height MR 35x15	115,00 mm
Height MR 32	112,10 mm
Connection data	
Connection method	Screw connection
Conductor cross section solid min.	35 mm <sup>2</sup>
Conductor cross section solid max.	150 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	2 AWG
Conductor cross section AWG/kcmil max.	300 kcmil
Conductor cross section stranded min.	50 mm <sup>2</sup>
Conductor cross section stranded max.	150 mm <sup>2</sup>
Conductor cross section stranded sleeve min.	50 mm <sup>2</sup>
Conductor cross section stranded sleeve max.	150 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min.	25 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, max.	50 mm <sup>2</sup>
Minimum stripping length	29 mm
Maximum stripping length	31 mm
Internal cylindrical gage	B14
Tightening torque, min	10 Nm
Tightening torque max	18 Nm
Approvals	
<b>CSA</b>	
mm <sup>2</sup> /AWG	
Nominal current I <sub>N</sub>	
Nominal voltage U <sub>N</sub>	
<b>cULus</b>	
mm <sup>2</sup> /AWG	2 - 300 kcmil
Nominal current I <sub>N</sub>	270 A
Nominal voltage U <sub>N</sub>	600 V
<b>ATEX</b>	
mm <sup>2</sup> /AWG	-
Nominal current I <sub>N</sub>	281 A
Nominal voltage U <sub>N</sub>	1000 V

Accessory			
	Type	Order No	Ad./Pcs.
<b>End Block</b>			
	Grey KD 6	495 099	50
<b>Mounting Rails</b>			
	MR 35x7,5 (1mt)	500 601	20
	MR 35x7,5 SLOTTED (1mt)	500 602	20
	MR 35x15 (1mt)	500 606	10
	MR 35x15 SLOTTED (1mt)	500 607	10
	MR 32 (1mt)	500 101	10
<b>Additional Terminal Block</b>			
	Grey AVK / EK6	304 370	20
<b>Cross Connection</b>			
	UK 150/2 309A Max.	478 352	5
	UK 150/3 309A Max.	478 353	5
	UK 150/4 309A Max.	478 354	5
<b>Warning Label</b>			
	IP 5	498 240	25
	IP 5S	498 250	25
<b>Marking</b>			
	KOIP SM W	508 051	240
<b>Alvan</b>			
	S8 (DIN6911)		



**Prodin Ferrite S.L.**

Calle A, 27, 08620 Sant Vicenç dels Horts, Barcelona (Spain)

Tel.: +34 93 672 46 10

[info@prodinferrite.com](mailto:info@prodinferrite.com) [www.prodinferrite.com](http://www.prodinferrite.com)