

**AVK 35RD**

Ordering Information	
Grey	304 250
Beige	304 259
Color Codes	
Blue .....1) - Green .....2) - Yellow .....3) - Red .....4) - Black .....5) - White .....6) - Orange .....7)	
Technical data	
Number of levels	1
Number of connections	2
Insulating material	PA
Inflammability class according to UL 94	V2
Packing Unit	40 pcs.
Maximum load current	125 A (with 50 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>	125 A (at 35 mm <sup>2</sup> )
Nominal voltage UN	750 V
Continuous Operating Temp. Max.	120 °C
Continuous Operating Temp. Min.	-55 °C
Dimensions	
Width	16,00 mm
Length	52,80 mm
Height MR 35x7,5	58,70 mm
Height MR 35x15	66,20 mm
Height MR 32	63,30 mm
Connection data	
Connection method	Screw connection
Conductor cross section solid min.	1,5 mm <sup>2</sup>
Conductor cross section solid max.	50 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	16 AWG
Conductor cross section AWG/kcmil max.	2 AWG
Conductor cross section stranded min.	1,5 mm <sup>2</sup>
Conductor cross section stranded max.	50 mm <sup>2</sup>
Conductor cross section stranded sleeve min.	1,5 mm <sup>2</sup>
Conductor cross section stranded sleeve max.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm <sup>2</sup>
Minimum stripping length	16 mm
Maximum stripping length	18 mm
Internal cylindrical gage	B9
Tightening torque, min	2,5 Nm
Tightening torque max	3,5 Nm
Approvals	
<b>CSA</b>	
mm <sup>2</sup> /AWG	AWG 12-2
Nominal current I <sub>N</sub>	115 A
Nominal voltage UN	600 V
<b>cULus</b>	
mm <sup>2</sup> /AWG	AWG 12-2
Nominal current I <sub>N</sub>	115 A
Nominal voltage UN	600 V
<b>VDE</b>	
mm <sup>2</sup> /AWG	-
Nominal current I <sub>N</sub>	125A
Nominal voltage UN	750V
<b>ATEX</b>	
Nominal current I <sub>N</sub>	125A
Nominal voltage UN	630V

Accessory				
	Type		Order No	Pcs.
<b>Seperator</b>				
	Grey	APP / AVK 35RD	462 180	10
	Beige	APP / AVK 35RD	462 189	10
<b>End Block</b>				
	Grey	KD 3	495 049	100
	Grey	KD 4	495 059	100
	Grey	KD 7	495 219	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>Cross Connection</b>				
		UK 35/2 125A Max.	474 172	25
		UK 35/3 125A Max.	474 173	20
		UK 35/4 125A Max.	474 174	15
		UK 35/10 125A Max.	474 179	5
<b>Test Plug</b>				
		TF Ø4	493 050	10
<b>Test Socket</b>				
		TSK 9 (Ø4)	490 090	5
<b>Warning Label</b>				
		IP 25	498 130	25
		IP 2	498 140	25
<b>Marking</b>				
		DG 10/10	505 430	200
<b>Screwdriver</b>				
		IKT6 (1,2x6,5)	561 060	10



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