

**AVK 10**

Ordering Information	
Grey	304 150
Beige	304 159
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	100 pcs.
Maximum load current	76 A (with 16 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>	57 A (10 mm <sup>2</sup> I <sub>cu</sub> ) / 57 A (at 10 mm <sup>2</sup> )
Nominal voltage U <sub>N</sub>	630 V
Continuous Operating Temp. Max.	120 °C
Continuous Operating Temp. Min.	-55 °C
Dimensions	
Width	10,00 mm
Length	44,20 mm
Height MR 35x7,5	44,40 mm
Height MR 35x15	51,90 mm
Connection data	
Connection method	Screw connection
Conductor cross section solid min.	0,5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20 AWG
Conductor cross section AWG/kcmil max.	6 AWG
Conductor cross section stranded min.	0,5 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section stranded sleeve min.	0,5 mm <sup>2</sup>
Conductor cross section stranded sleeve max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
Minimum stripping length	10 mm
Maximum stripping length	12 mm
Internal cylindrical gage	B6
Tightening torque, min	1,2 Nm
Tightening torque max	1,8 Nm
Approvals	
<b>CSA</b>	
mm <sup>2</sup> /AWG	AWG 16-6
Nominal current I <sub>N</sub>	65 A
Nominal voltage U <sub>N</sub>	600 V
Sikma torku / Tightening torque	1,4 Nm
<b>cULus</b>	
mm <sup>2</sup> /AWG	AWG 16-6
Nominal current I <sub>N</sub>	65 A
Nominal voltage U <sub>N</sub>	600 V
<b>VDE</b>	
mm <sup>2</sup> /AWG	10 mm <sup>2</sup>
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	630 V
<b>ATEX</b>	
Nominal current I <sub>N</sub>	57A
Nominal voltage U <sub>N</sub>	630V

Accessory				
	Type		Order No	Pcs.
<b>End Plate</b>				
	Grey	NPP / AVK 2,5-10	444 120	100
	Beige	NPP / AVK 2,5-10	444 129	100
<b>Seperator</b>				
	Grey	APP / AVK 2,5-10	462 120	25
	Beige	APP / AVK 2,5-10	462 129	25
<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
<b>Cross Connection</b>				
		LJK 10/2 57A Max.	474 152	25
		LJK 10/3 57A Max.	474 153	20
		LJK 10/4 57A Max.	474 154	15
		LJK 10/10 57A Max.	474 159	5
<b>Comb Connector</b>				
		TKO 10/2 57A Max.	476 292	25
		TKO 10/3 57A Max.	476 293	20
		TKO 10/4 57A Max.	476 294	15
		TKO 10/10 57A Max.	476 299	5
<b>Small Partiton</b>				
	Grey	AD 1	467 919	100
	Beige	AD 1	467 910	100
<b>Test Plug</b>				
		TF Ø2,3	493 023	5
		TF Ø4	493 050	10
<b>Test Socket</b>				
		TSK 4 (Ø2,3)	490 040	5
		TSK 7 (Ø4)	490 070	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>				
		IKT4 (0,8x4)	561 040	10



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