

**AVK 50**

Ordering Information	
Grey	304 330
Beige	304 339
Technical data	
Number of levels	1
Number of connections	2
Insulating material	PA
Inflammability class according to UL 94	V2
Packing Unit	25 pcs.
Maximum load current	192 A (with 70 mm ² 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 _N	150 A (at 50 mm ²)
Nominal voltage U _N	1000 V
Continuous Operating Temp. Max.	120 °C
Continuous Operating Temp. Min.	-55 °C
Dimensions	
Width	20,00 mm
Length	95,20 mm
Height MR 35x7,5	77,00 mm
Height MR 35x15	84,50 mm
Height MR 32	81,60 mm
Connection data	
Connection method	Screw connection
Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	70 mm ²
Conductor cross section AWG/kcmil min.	10 AWG
Conductor cross section AWG/kcmil max.	1/0 AWG
Conductor cross section stranded min.	25 mm ²
Conductor cross section stranded max.	50 mm ²
Conductor cross section stranded sleeve min.	25 mm ²
Conductor cross section stranded sleeve max.	50 mm ²
2 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, max.	16 mm ²
Minimum stripping length	22 mm
Maximum stripping length	24 mm
Internal cylindrical gage	B10
Tightening torque, min	6 Nm
Tightening torque max	10 Nm
Approvals	
CSA	
mm ² /AWG	
Nominal current I _N	
Nominal voltage U _N	
cULus	
mm ² /AWG	AWG 6 - 1/0
Nominal current I _N	150 A
Nominal voltage U _N	600 V
ATEX	
mm ² /AWG	-
Nominal current I _N	150 A
Nominal voltage U _N	800 V

Accessory			
	Type	Order No	Pcs.
End Block			
	Grey	KD 6	495 099
	Grey	KD 7	495 219
Mounting Rails			
		MR 35x7,5 (1mt)	500 601
		MR 35x7,5 SLOTTED (1mt)	500 602
		MR 35x15 (1mt)	500 606
		MR 35x15 SLOTTED (1mt)	500 607
		MR 32 (1mt)	500 101
Cross Connection			
		UK 50/2 150A Max.	478 332
		UK 50/3 150A Max.	478 333
		UK 50/4 150A Max.	478 334
Warning Label			
		IP 5	498 240
		IP 5S	498 250
Marking			
		KOIP SM W	508 051
			240
Allyan			
		S5 (DIN6911)	



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