

**AVK 95**

Ordering Information	
Grey	304 340
Beige	304 349
Technical data	
Number of levels	1
Number of connections	2
Insulating material	PA
Inflammability class according to UL 94	V2
Packing Unit	6 pcs.
Maximum load current	232 A (with 95 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	232 A (at 95 mm ²)
Nominal voltage U _N	1000 V
Continuous Operating Temp. Max.	120 °C
Continuous Operating Temp. Min.	-55 °C
Dimensions	
Width	25,00 mm
Length	95,20 mm
Height MR 35x7,5	90,00 mm
Height MR 35x15	97,50 mm
Height MR 32	94,60 mm
Connection data	
Connection method	Screw connection
Conductor cross section solid min.	25 mm ²
Conductor cross section solid max.	95 mm ²
Conductor cross section AWG/kcmil min.	4 AWG
Conductor cross section AWG/kcmil max.	3/0 AWG
Conductor cross section stranded min.	35 mm ²
Conductor cross section stranded max.	95 mm ²
Conductor cross section stranded sleeve min.	35 mm ²
Conductor cross section stranded sleeve max.	95 mm ²
2 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, min.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, max.	35 mm ²
Minimum stripping length	26 mm
Maximum stripping length	28 mm
Internal cylindrical gage	B12
Tightening torque, min	10 Nm
Tightening torque max	15 Nm
Approvals	
CSA	
mm ² /AWG	
Nominal current I _N	
Nominal voltage U _N	
cULus	
mm ² /AWG	AWG 2 - 4/0
Nominal current I _N	230 A
Nominal voltage U _N	600 V
ATEX	
mm ² /AWG	-
Nominal current I _N	217 A
Nominal voltage U _N	1000 V

Accessory			
	Type	Order No	Pcs.
End Block			
	Grey KD 6	495 099	50
Mounting Rails			
	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
Additional Terminal Block			
	Grey AVK / EK6	304 370	20
Cross Connection			
	UK 95/2 232A Max.	478 342	5
	UK 95/3 232A Max.	478 343	5
	UK 95/4 232A Max.	478 344	5
Warning Label			
	IP 5	498 240	25
	IP 5S	498 250	25
Marking			
	KOIP SM W	508 051	240
Alyan			
	SG (DIN6911)		



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