

**AVK 240**

Ordering Information	
Grey	304 360
Beige	304 369
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	415 A (with 240 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	415 A (at 240 mm ²)
Nominal voltage U _N	1000 V
Continuous Operating Temp. Max.	120 °C
Continuous Operating Temp. Min.	-55 °C
Dimensions	
Width	36,00 mm
Length	95,50 mm
Height MR 35x7,5	115,00 mm
Height MR 35x15	122,50 mm
Height MR 32	119,60 mm
Connection data	
Connection method	Screw connection
Conductor cross section solid min.	50 mm ²
Conductor cross section solid max.	240 mm ²
Conductor cross section AWG/kcmil min.	2/0 AWG
Conductor cross section AWG/kcmil max.	500 kcmil
Conductor cross section stranded min.	70 mm ²
Conductor cross section stranded max.	240 mm ²
Conductor cross section stranded sleeve min.	70 mm ²
Conductor cross section stranded, TWIN ferrules without plastic sleeve, min.	185 mm ²
2 conductors with same cross section, stranded, TWIN ferrules without plastic sleeve, max.	35 mm ²
Minimum stripping length	50 mm ²
Maximum stripping length	33 mm
Internal cylindrical gage	35 mm
Tightening torque, min	A16
Tightening torque max	10 Nm
	20 Nm
Approvals	
CSA	
mm ² /AWG	
Nominal current I _N	
Nominal voltage U _N	
cULus	
mm ² /AWG	2/0 - 500 kcmil
Nominal current I _N	370 A
Nominal voltage U _N	600 V
ATEX	
mm ² /AWG	-
Nominal current I _N	380 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 240/2	415A Max.	478 362	5
		UK 240/3	415A Max.	478 363	5
		UK 240/4	415A Max.	478 364	5
Warning Label					
		IP 5	498 240	25	
		IP 5S	498 250	25	
Marking					
		KOIP SM W	508 051	240	
Alyan					
		S8 (DIN6911)			



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