



AVK 16RD



Ordering Information	
Grey	304 240
Beige	304 249
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	50 pcs.
Maximum load current	101 A (with 25 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	76 A (at 16 mm ²)
Nominal voltage U _N	750 V
Continuous Operating Temp. Max.	120 °C
Continuous Operating Temp. Min.	-55 °C
Dimensions	
Width	12,00 mm
Length	52,80 mm
Height MR 35x7,5	58,60 mm
Height MR 35x15	66,10 mm
Height MR 32	63,20 mm
Connection data	
Connection method	Screw connection
Conductor cross section solid min.	1,5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG/kcmil min.	16 AWG
Conductor cross section AWG/kcmil max.	4 AWG
Conductor cross section stranded min.	1,5 mm ²
Conductor cross section stranded max.	25 mm ²
Conductor cross section stranded sleeve min.	1,5 mm ²
Conductor cross section stranded sleeve max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0,75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
Minimum stripping length	12 mm
Maximum stripping length	14 mm
Internal cylindrical gage	B7
Tightening torque, min	1,2 Nm
Tightening torque max	2,0 Nm
Approvals	
CSA	
mm ² /AWG/	AWG 12-4
Nominal current I _N	80 A
Nominal voltage U _N	600 V
cULus	
mm ² /AWG/	AWG 12-4
Nominal current I _N	80 A
Nominal voltage U _N	600 V
VDE	
mm ² /AWG	16 mm ²
Nominal current I _N	76 A
Nominal voltage U _N	750 V
ATEX	
Nominal current I _N	76A
Nominal voltage U _N	630V

Accessory			
	Tip / Type	Sipariş No Order No	Ad./Pcs.
End Plate			
Grey	NPP / AVK 16RD	444 170	100
Beige	NPP / AVK 16RD	444 179	100
Seperator			
Grey	APP / AVK 16RD	462 170	25
Beige	APP / AVK 16RD	462 179	25
End Block			
Grey	KD 3	495 049	100
Grey	KD 4	495 059	100
Grey	KD 7	495 219	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
Üss Connection			
	UK 16/2 76A Max.	474 162	25
	UK 16/3 76A Max.	474 163	20
	UK 16/4 76A Max.	474 164	15
	UK 16/10 76A Max.	474 169	5
Test Plug			
	TF Ø4	493 050	10
Test Socket			
	TSK 8 (Ø4)	490 080	5
Warning Label			
	IP 2S	498 130	25
	IP 2	498 140	25
Marking			
	DG 10/10	505 430	200
Screwdriver			
	IKT5 (1,0x5,5)	561 050	10