

**AVK 6**

| Ordering Information | |
|--|--|
| Grey | 304 140 |
| Beige | 304 149 |
| Color Codes | |
| Blue1) - Green2) - Yellow3) - Red4) - Black5) - White6) Orange7) | |
| 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 | 57 A (with 10 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 | 41 A (at 6 mm ²) |
| Nominal voltage U _N | 630 V |
| Continuous Operating Temp. Max. | 120 °C |
| Continuous Operating Temp. Min. | -55 °C |
| Dimensions | |
| Width | 8,00 mm |
| Length | 44,20 mm |
| Height MR 35x7,5 | 44,40 mm |
| Height MR 35x15 | 51,90 mm |
| Connection data | |
| Connection method | Vidalı bağlantı / Screw connection |
| Conductor cross section solid min. | 0,2 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section AWG/kcmil min. | 24 AWG |
| Conductor cross section AWG/kcmil max. | 8 AWG |
| Conductor cross section stranded min. | 0,2 mm ² |
| Conductor cross section stranded max. | 10 mm ² |
| Conductor cross section stranded sleeve min. | 0,25 mm ² |
| Conductor cross section stranded sleeve max. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0,5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm ² |
| Minimum stripping length | 10 mm |
| Maximum stripping length | 12 mm |
| Internal cylindrical gage | B5 |
| Tightening torque, min | 0,8 Nm |
| Tightening torque max | 1,2 Nm |
| Approvals | |
| CSA | |
| mm ² /AWG/kcmil | AWG 28-8 |
| Nominal current I _N | 40 A |
| Nominal voltage U _N | 600 V |
| Tightening torque | 1,2 Nm |
| cULus | |
| mm ² /AWG/kcmil | AWG 26-8 |
| Nominal current I _N | 50 A |
| Nominal voltage U _N | 600 V |
| VDE | |
| mm ² /AWG/kcmil | 6 mm ² |
| Nominal current I _N | 41 A |
| Nominal voltage U _N | 630 V |
| ATEX | |
| Nominal current I _N | 41A |
| Nominal voltage U _N | 630V |

| Accessory | | | | |
|-------------------------|-------|-------------------------|----------|------|
| | Type | | Order No | Pcs. |
| End Plate | | | | |
| | Grey | NPP / AVK 2,5-10 | 444 120 | 100 |
| | Beige | NPP / AVK 2,5-10 | 444 129 | 100 |
| Seperator | | | | |
| | Grey | APP / AVK 2,5-10 | 462 120 | 25 |
| | Beige | APP / AVK 2,5-10 | 462 129 | 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 |
| Cross Connection | | | | |
| | | LJK 6/2 41A Max. | 474 142 | 25 |
| | | LJK 6/3 41A Max. | 474 143 | 20 |
| | | LJK 6/4 41A Max. | 474 144 | 15 |
| | | LJK 6/10 41A Max. | 474 149 | 5 |
| Comb Connector | | | | |
| | | TKO 6/2 41A Max. | 476 282 | 25 |
| | | TKO 6/3 41A Max. | 476 283 | 20 |
| | | TKO 6/4 41A Max. | 476 284 | 15 |
| | | TKO 6/10 41A Max. | 476 289 | 5 |
| Small Partiton | | | | |
| | Grey | AD 1 | 467 919 | 100 |
| | Beige | AD 1 | 467 910 | 100 |
| Test Plug | | | | |
| | | TF Ø2,3 | 493 023 | 5 |
| | | TF Ø4 | 493 050 | 10 |
| Test Socket | | | | |
| | | TSK 4 (Ø2,3) | 490 040 | 5 |
| | | TSK 7 (Ø4) | 490 070 | 5 |
| Warning Label | | | | |
| | | IP 2S | 498 130 | 25 |
| | | IP 2 | 498 140 | 25 |
| Marking | | | | |
| | | DG 10/8 | 505 410 | 260 |
| Screwdriver | | | | |
| | | IKT4 (0,8x4) | 561 040 | 10 |



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