



AVK 16TRD



| Ordering Information | |
|---|---|
| Yellow Green | 334 200 |
| Technical data | |
| Number of levels | 1 |
| Number of connections | 2 |
| Insulating material | PA |
| Inflammability class according to UL 94 | V2 |
| Packing Unit | 50 pcs. |
| Protective Conductor Type | PE |
| Rated surge voltage | 8 Kv |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-2 |
| 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 | 58,70 mm |
| Height MR 35x15 | 66,20 mm |
| Height MR 32 | 63,30 mm |
| Connection data | |
| Connection method | Screw connection |
| Note | Observe the current carrying capacity of the DIN rails. |
| 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 |
| Rail Tightening torque, min | 1,0 Nm |
| Rail Tightening torque max | 1,2 Nm |
| Approvals | |
| CSA | |
| mm ² /AWG | AWG 12-4 |
| Nominal current IN | - |
| Nominal voltage UN | - |
| cULus | |
| mm ² /AWG | AWG 12-4 |
| Nominal current IN | - |
| Nominal voltage UN | - |
| VDE | |
| mm ² /AWG | 16 mm ² |
| Nominal current IN | - |
| Nominal voltage UN | - |
| ATEX | |
| Nominal voltage UN | 630V |

| Accessory | | | |
|-----------------------|-------------------------|----------|------|
| | Type | Order No | Pcs. |
| 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 |
| Marking | | | |
| | DG 10/10 | 505 430 | 200 |
| Screwdriver | | | |
| | IKT5 (1,0x5,5) | 561 050 | 10 |



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