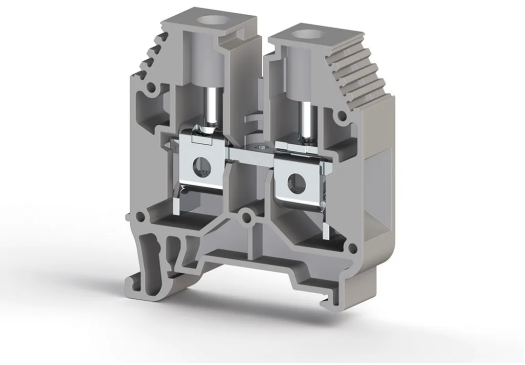


TERMINAL BLOCKS > SCREW TYPE TERMINAL BLOCKS > FEED THROUGH TERMINALS

AVK 16 PV Beige

Stock Keeping Unit (SKU): 304169P

16mm² Screw-Type Photovoltaic Feed-Through Terminal Block

Commercial Information

Product Sales Code	**304169P**
Package Unit	**50 pcs.**
Customs Tariff Number	**853690950000**
Weight Per Unit Including Packaging	**0.028 kg.**

Technical Information

PRODUCT SPECIFICATIONS	
Number of Connections	**2**
Color	**Beige**
Number of Levels	**1**
Insulation Material	**PA**
UL 94 Flammability Class	**V0**
Impulse Voltage Category	**III**
Insulation Material Group	**I**
Pollution Degree	**3**
Connection According to Standard	**IEC 60947-7-1**
Continuous Operating Temperature Max.	**130 °C**
Continuous Operating Temperature Min.	**-60 °C**

ELECTRICAL SPECIFICATIONS	
Nominal Impulse Voltage	**8 Kv**

Nominal Current	**76 A**
Nominal Voltage	**750 V**
Maximum Load Current	**101 A**

CONNECTION DATA

Connection Type	**Screw Connection**
Min. Solid Conductor Cross-Sectional Area	**2,5 mm²**
Max. Solid Conductor Cross-Sectional Area	**25 mm²**
Conductor Cross-Section AWG/kcmil Min.	**14 AWG**
Conductor Cross-Section AWG/kcmil Max.	**4 AWG**
Min. Stranded Conductor Cross-Sectional Area	**4 mm²**
Max. Stranded Conductor Cross-Sectional Area	**25 mm²**
Min. Stranded Conductor Cross-Sectional Area with Ferrule	**2,5 mm²**
Max. Stranded Conductor Cross-Sectional Area with Ferrule	**16 mm²**
Min. for 2 Stranded Conductors of the Same Cross-Section with Plastic-Collared Twin Ferrule	**1,5 mm²**
Max. for 2 Stranded Conductors of the Same Cross-Section with Plastic-Collared Twin Ferrule	**10 mm²**
Min. Stripping Length	**12 mm**
Max. Stripping Length	**14 mm**
Internal Cylindrical Indicator	**B7**
Tightening Torque Min.	**1,2 Nm**
Tightening Torque Max.	**2,0 Nm**

DIMENSIONS

Width	**12 mm**
Length	**51 mm**
Height MR 35x7.5	**55,40 mm**
Height MR 35x15	**62,90 mm**

Certificates

CE | ROHS | UKCA | ATEX

CE	
Conductor Cross-section	AWG 12-4
Nominal Current	85 A
Nominal Voltage	1000 V

Accessories

MARKING



Product Code: 498130

IP 2S Printed



Product Code: 498140

IP 2

END STOP



Product Code: 495049

KD 3 Grey



Product Code: 495059

KD 4 Grey



Product Code: 495219

KD 7 Grey

ZINC COATED



Product Code: 500601

MR 35x7.5 Straight (1m) Zinc Coated Rail



Product Code: 500604

MR 35x7.5 Slotted DIN Rail (2 m), Galvanized



Product Code: 500609

MR 35x15 Slotted (2m) Zinc Coated Rail



Product Code: 500602

MR 35x7.5 Slotted (1m) Zinc Coated Rail



Product Code: 500603

MR 35x7.5 Straight (2m) Zinc Coated Rail



Product Code: 500606

MR 35x15 Straight (1m) Zinc Coated Rail



Product Code: 500608

MR 35x15 Straight (2m) Zinc Coated Rail

ÇINKO KAPLI



Product Code: 500607

MR 35x15 Slotlu (1m) Çinko Kaplı Ray

GALVANIZED



Product Code: 500602E

MR 35x7.5 Slotted (1m) Rail (Galvanized)



Product Code: 500603E

MR 35x7,5 Plain (2m) Rail (Galvanized)



Product Code: 500604E

MR 35x7,5 SLOT (2m) RAIL (GALVANIZED)



Product Code: 500609E

MR 35x15 Slotted (2m) Rail (Galvanized)

SCREWDRIVERS



Product Code: 561170

KT-D 5 (1,0 x Ø5,5)

TEST SOCKETS



Product Code: 493050

TF (Ø 4)



Product Code: 490080

TSK 8 (Ø4)

TERMINAL THERMAL PRINTER LABELS



Product Code: 813100

D-NS 10x10

SCREW TYPE CROSS CONNECTOR



Product Code: 474162

UK 16/2



Product Code: 474163

UK 16/3

Product Code: 474164

UK 16/4

Product Code: 474169

UK 16/10

END PLATE/COVER



Product Code: 444160

NPP/AVK 16 Grey



Product Code: 444169

NPP/AVK 16 Beige