

PV-PLUG-F6/8.5



Products Low Voltage Products and Systems Connection Devices Photovoltaic Connectors Plug Connectors

General Information

Extended Product Type:	PV-PLUG-F6/8.5
Product ID:	1SNV420902R0000
EAN:	3472599854703
Catalog Description:	PV-PLUG-F6/8.5 - MC4-Evo2 PV plug connectors - Female - 4 ... 6 mm ² - 7.6 ... 8.5 mm - PKG 10
Long Description:	Combines the highest performances on the market with proven long-term efficiency: - 1500 V DC (IEC), 1500 V DC (UL), - Full compatibility with all Multi-Contact MC4 family products, - Use the tools specified by ABB and Multi-Contact to guarantee the connection quality and reliability, - User manual MA 273.

Additional Information

ABB Industrial IT Suite:	Control IT
Ambient Air Temperature:	Operation 115 °C Storage -40 ... +85 °C
Ambient Temperature:	-40 ... +85 °C
Cable Diameter:	7.6 ... 8.5 mm
Color:	Black
Connecting Capacity UL/CSA:	Stranded 10 AWG
Country of Origin:	Germany (DE)
Customs Tariff Number:	85366990
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP65 / IP68
EAC Certificate:	1SND160002A1100
EAN:	3472599854703
Flammability According to UL94:	V0
Function:	Female
IIT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	0
Insulation Material:	Polyamide
Invoice Description:	PV-PLUG-F6/8.5 - MC4-Evo2 PV plug connectors - Female - 4 ... 6 mm ² - 7.6 ... 8.5 mm - PK G 10
Maximum Operating Voltage UL/CSA:	Main Circuit 1500 V
Minimum Order Quantity:	10 piece
Mounting Type:	1. Crimping, [()] 2. Crimped contact insertion, [()] 3. Connector's tightening, [()] 4. Plugging.
Object Classification Code:	X
Order Multiple:	10 piece
Package Level 1 EAN:	3472599854703
Package Level 1 Gross Weight:	0.105 kg
Package Level 1 Height:	100 mm
Package Level 1 Length:	175 mm
Package Level 1 Units:	10 piece
Package Level 1 Width:	115 mm
Package Level 2 Height:	300 mm
Package Level 2 Length:	400 mm
Package Level 2 Units:	700 piece
Package Level 2 Width:	300 mm
Pollution Degree:	3

Product Main Type:	PV-PLUG-F6/8.5
Product Name:	MC4-Evo2 PV plug connector
Product Net Height:	18.8 mm
Product Net Weight:	10.5 g
Product Net Width:	18.8 mm
Product Packing Type:	Bag
Rated Cross-Section:	4 ... 6 mm ²
Rated Current (I_n):	Main Circuit 45 / 53 A
Rated Impulse Withstand Voltage (U_{imp}):	16000 V
Rated Voltage (U_r):	1500 V
RoHS Date:	20160202
RoHS Information:	1SND230564F0200
RoHS Status:	Following EU Directive 2011/65/EC
Selling Unit of Measure:	piece
Short Description:	PV-PLUG-F6/8.5
Sub-Function:	PV plug connector
Tightening Torque:	Main Circuit 3.4 ... 3.5 N·m
Tightening Torque UL/CSA:	Main Circuit 30.1 ... 31 in·lb
TÜV Certificate:	1SND160000A0200
cUL Certificate:	1SND160001A0200
JET Certificate:	1SND160002A0200
cTÜVus Certificate:	1SND160004A0200