Photovoltaic connector - PV-FT-CM-C-4-130-RD - 1805164

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Photovoltaic connector, Photovoltaic connector, Housing material: PPE, color: black, Min. wire cross section: 4 mm², Connection method: Crimp, Type of contact: Pin, Cable length: 130. can only be released using a tool

RoHS

Key Commercial Data

Packing unit	50 pc
GTIN	4 046356 671446
GTIN	4046356671446

Technical data

Dimensions

Fixed cable length	130 mm
External cable diameter	4.6 mm ±0.15 mm

Ambient conditions

Degree of protection (when plugged in)	IP66 / IP68 (2 m / 24 h)
Degree of protection (not plugged in)	IP65
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (assembly)	-25 °C ... 50 °C

General

Design	Pin
Tightening torque nut	1.8 Nm ±0.1 Nm
Insertion force	45 N ±10 N
Disconnect force	250 N ±50 N
Pull-out force of cable >= disconnect force	> 80 N
Rated voltage	1500 V
Rated current (4.0 mm²)	35 A
Nominal cross section	4 mm²
Protection class	II

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Technical data

Material

Color	black
Insulating material	mPPE
Contact material	Cu
Contact surface material	Ag
Flammability rating according to UL 94	V0

Connection data

Connection method	Crimp
Connection capacity	4 mm²
Contact resistance with connected conductor	0.45 mΩ
Cable type	S02

Conductor

Outer sheath, material	PE-X
External sheath, color	red

Standards and Regulations

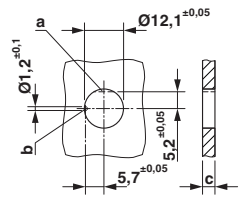
Halogen-free	yes
Flammability rating according to UL 94	V0

Environmental Product Compliance

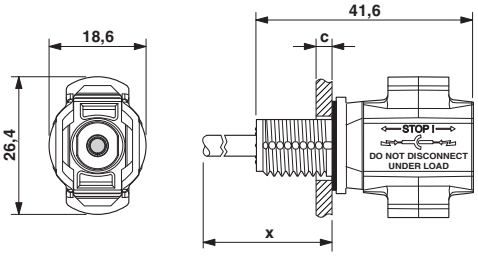
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Dimension x = cable length
c: panel thickness - plastic: 2 - 6 mm; metal: 2 - 5 mm

Approvals

Approvals

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TÜV Rheinland / EAC

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Approvals

Ex Approvals

Approval details

TÜV Rheinland	http://www.certipedia.com	R 60126961
Nominal voltage UN	1500 V	

EAC	EAC	B.01742

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com