PV-FT-CM-C-4-700-RD - Photovoltaic connectors

1706937

https://www.phoenixcontact.com/us/products/1706937

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Commercial data

Item number	1706937
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	ABLBAA
GTIN	4055626071954
Weight per piece (including packing)	40.12 g
Weight per piece (excluding packing)	40.12 g
Country of origin	DE

Technical data

Notes

Safety note

Safety note	• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	• For operating voltages > 50 V AC, conductive connector housings must be grounded
	• Observe the corresponding technical data. You will find information: o On the product o On the packing label o In the supplied documentation o Online at phoenixcontact.com/products under the product
	• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
	• Operate the connector only when it is fully plugged in and interlocked.
	• Observe the minimum bending radius of the cable. Lay the cable without twisting it.

Product properties

Product type	Photovoltaic connectors
Product family	SUNCLIX

Insulation characteristics

Degree of pollution	2

Electrical properties

Rated voltage (II/2)	1000 V
Rated voltage (III/2)	1500 V
Rated surge voltage (II/2)	12 kV
Rated surge voltage (III/2)	16 kV
Rated surge voltage (III/3)	16 kV

Dimensions

Width	18.6 mm
Height	26.4 mm

Length	41.55 mm

Material specifications

Color of the housing part	black
Flammability rating according to UL 94	V0
Insulating material group	I / CTI 600
Seal material	EPDM
Housing material	PPE
Cable seal material	Elastosil LR 3065/50
Contact material	Cu
Contact surface material	Ag
Contact carrier material	PPE

Classifications

ECLASS

ECLASS-13.0	27440107
ECLASS-15.0	27440107

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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