

## INDUSTRIAL COMPONENT DATA

# PV-FT-C2M-C-2,5-85-RD-FLC 1463063 PHOENIX CONTACT

## Photovoltaic connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PV-FT-C2M-C-2,5-85-RD-FLC



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | PV-FT-C2M-C-2,5-85-RD-FLC         |
| Catalog number  | 1463063                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 1 Pcs                             |
| Document ID     | EO-EFFF9D8BE6                     |
| Generated       | 2026-08-04                        |

### Product Overview

Photovoltaic connector

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path PHOENIX CONTACT &gt; Field Device Connectors (FDC)

### Additional Product Information

## Key Commercial Data

Orderkey 1463063

Packing unit 200 pc

Note Made to Order (non-returnable)

GTIN 4046356757409

Weight per Piece (excluding packing) 22.220 g

Custom tariff number 85359000

Country of origin DE (Germany)

## Dimensions

Fixed cable length 85 mm

External cable diameter 4.25 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  $\pm$ 0.1 Nm

Insertion force 45 N  $\pm$ 10 N

Disconnect force 250 N  $\pm$ 50 N

Pull-out force of cable  $\geq$  disconnect force > 80 N

Rated voltage 1500 V

Rated current (2.5 mm<sup>2</sup>) 27 A

Rated current (4.0 mm<sup>2</sup>)

Rated current (6.0 mm<sup>2</sup>)

Nominal cross section 2.5 mm<sup>2</sup>

Protection class II

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 2.5 mm<sup>2</sup>

Contact resistance with connected conductor 0.45 m $\Omega$

Cable type S01

Conductor

Outer sheath, material PE-X

External sheath, color red

Standards and Regulations

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

Classifications

eCl@ss 4.027060306eCl@ss 4.127060306eCl@ss 5.027061801eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PV-FT-C2M-C-2,5-85-RD-FLC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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