

**INDUSTRIAL COMPONENT DATA**

# PV-FT-C2F-C-2,5-75-BU-FLC 1463064 PHOENIX CONTACT

## Photovoltaic connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PV-FT-C2F-C-2,5-75-BU-FLC



|                 |                                   |
|-----------------|-----------------------------------|
| Manufacturer    | PHOENIX CONTACT                   |
| MPN / Reference | PV-FT-C2F-C-2,5-75-BU-FLC         |
| Catalog number  | 1463064                           |
| Category        | Sensor-actuator connector chassis |
| Minimum order   | 200 Pcs                           |
| Document ID     | EO-7665F0358D                     |
| Generated       | 2026-08-02                        |

### Product Overview

Photovoltaic connector  
Photovoltaic plug-in 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 > Field Device Connectors (FDC) |
|--------------|-------------------------------------------------|

### Additional Product Information

Key Commercial Data  
Orderkey 1463064  
Packing unit 200 pc  
Note Made to Order (non-returnable)  
GTIN 4046356757393  
Weight per Piece (excluding packing) 22.220 g  
Custom tariff number 85359000  
Country of origin DE (Germany)  
Dimensions  
Fixed cable length 75 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 Socket

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 blue

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 7.027440102eCl@ss 8.027440102eCl@ss 9.0274...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PV-FT-C2F-C-2,5-75-BU-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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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