



PU (SPU): 50 Piece

-

50

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## Overview

## Data

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# Description

## Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for using leads (plug/socket).

## Note on Continuous Service Temperature:

-35°C ... +85°C

PVC cable for temperatures = 70 °C (including halogen-free)

Insulating parts for temperatures = 105 °C

Only in mated condition with strain relief housing (These compact connectors are not designed for use in open, easily accessible areas)



## Product details

### Details ^

#### — Electrical data

##### — Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	25 A
Legend (ratings)	(III / 3) △ Overvoltage category III / Pollution degree 3

### ^ Connection data

**Item no. 770-814/011-000**

 Total number of potentials

4

Number of levels

1

Ground function

with preceding GND contact

## — Geometrical Data

Pin spacing	10 mm (0.394 inch)
Width	37 mm / 1.457 inch
Height	18.1 mm / 0.713 inch
Height from the surface	14.6 mm / 0.575 inch
Depth	26 mm / 1.024 inch

## — Mechanical data

Coding	A
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)
Design	angled

## — Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	Yes
Mating direction to the PCB	0 °
Locking of plug-in connection	locking lever

## — PCB contact

PCB contact	THT
Pin arrangement	2 in-line solder pins/pole

Item no. 770-814/011-000



Material Data

Color	black
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.189 MJ

## Environmental Requirements

Surrounding air (operating) temperature	-35 ... 85 °C
Processing temperature	-5°C ... +40°C
Continuous operating temperature from	-35 °C
Continuous operating temperature up to	85 °C

## Commercial data

Country of Origin	DE
GTIN	4044918524612



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### Coding ^

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## product family

Item no. 770-814/011-000



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