



PU (SPU): 1 Piece

—

1

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## Overview

## Data

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## Description

### 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)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

#### — Connection data

length

11 mm / 0.43 Inch

of poles

3

**Item no. 771-9973/206-505**



Conductor preparation

tip-bonded

Sheathed cable diameter

7.4 ... 9.4 mm

## — Geometrical Data

Pin spacing

10 mm (0.394 inch)

Total length

5 m

## — Mechanical data

Coding

S

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)

Connection type cable/adapter 1 1

Plug

## — Plug connection

Mismating protection

Yes

Locking of plug-in connection

locking lever

Locking lever

no

## — Material Data

Color

brown

Insulating material

Polyamide 66 (PA 66)

Flammability class per UL94

V0

Reaction to fire class per EN 50575

E<sub>ca</sub>

Contact material

Copper or copper alloy, surface-treated

## — 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	4050821310945



## Approvals / Certificates

### Country specific Approvals ^

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26.6 kB

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