

## INDUSTRIAL COMPONENT DATA

# PRT-1S-350/5S 2908551 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRT-1S-350/5S



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | PRT-1S-350/5S                                    |
| Catalog number  | 2908551                                          |
| Category        | Surge protection device for power supply systems |
| Minimum order   | 10 Pcs                                           |
| Document ID     | EO-98EBF7E6B1                                    |
| Generated       | 2026-08-04                                       |

## Product Overview

Type 2 surge arrester

Surge arrester for space-saving PCB installation, according to type 2/class II, for single-phase TN and TT power supply installations.

## 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 > Trabtech (TT) |
|--------------|---------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2908551

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4055626309026

Weight per Piece (excluding packing) 22.300 g

Custom tariff number 85363010

Country of origin CN (China)

Dimensions

Height 15.7 mm

Width 24 mm

Depth 25.3 mm

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 105 °C

Altitude  $\leq$  5000 m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

General

IEC test classification II

T2

EN type T2

IEC power supply system TN-S

TT

Mode of protection L-N

L-PE

N-PE

Mounting type PCB mounting

Color light grey RAL 7035

Housing material PA 6.6

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type PCB onboard surge protector

Surge protection fault message optical

Protective circuit

Nominal voltage UN 230 V AC (TN)

230 V AC (TT)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 350 V AC

Nominal discharge current  $I_n(8/20)$   $\mu$ s 5 kA

Short-circuit current rating ISCCR 1 kA

Voltage protection level  $U_p \leq$  1.5 kV

TOV behavior at UT(L-N) 336 V AC (5 s / withstand mode)

440 V AC (120 min / withstand mode)

TOV behavior at UT(N-PE) 1200 V AC (200 ms / withstand mode)

Response time  $t_A(L-N) \leq$  25 ns

Response time  $t_A(L-PE) \leq$  100 ns

Response time  $t_A(N-PE) \leq$  100 ns

Max. backup fuse with branch wiring 16 A AC (MCB B/general purpose)

UL specifications

SPD...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PRT-1S-350/5S 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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