

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
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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)
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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 f_N 50 Hz (60 Hz)

Maximum continuous voltage UC 350 V AC

Nominal discharge current $I_n(8/20)$ μ 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 or use 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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