

INDUSTRIAL COMPONENT DATA

PRT-1S-350/20/R 2905977 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: PRT-1S-350/20/R



Manufacturer	PHOENIX CONTACT
MPN / Reference	PRT-1S-350/20/R
Catalog number	2905977
Category	Surge protection device for power supply systems
Minimum order	20 Pcs
Document ID	EO-154D4094A1
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)
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Additional Product Information

Key Commercial Data

Orderkey 2905977

Packing unit 20 pc

Minimum order quantity 20 pc

Note Made to Order (non-returnable)

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GTIN 4055626287607

Weight per Piece (excluding packing) 68.660 g

Custom tariff number 85363010

Country of origin CN (China)

Dimensions

Height 41 mm

Width 38.4 mm

Depth 22.4 mm

Ambient conditions

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

Ambient temperature (storage/transport) -40 °C ... 85 °C

Altitude $\leq$ 2000 m (amsl (above mean sea level))

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

Shock (operation) 25g (Half-sine / 11 ms / $3x \pm X, \pm Y, \pm Z$)

Vibration (operation) 5g (5 ... 500 Hz / 2.5 h / X, Y, Z)

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 Remote indication contact

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

Residual current IPE $\leq$ 50 μ A

Standby power consumption PC $\leq$ 20 mVA

Nominal discharge current $I_n(8/20)$ μ s 20 kA

Short-circuit current rating ISCCR 1 kA

Voltage protection level $U_p(L-N)$ $\leq$ 2.5 kV

Voltage protection level $U_p(L-PE)$ $\leq$ 1.8 kV

Voltage protection level $U_p(N-PE)$ $\leq$ 1.8 kV

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

440 V AC (120....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PRT-1S-350/20/R 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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