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-877B18D449
Generated	2026-11-19

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 2905977
Packing unit 20 pc
Minimum order quantity 20 pc
Note Made to Order (non-returnable)
Catalog page Page 70 (C-4-2017)
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 <= 2000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
Shock (operation) 25g (Half-sine / 11 ms / 3x ±X, ±Y, ±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 fN 50 Hz (60 Hz)
Maximum continuous voltage UC 350 V AC
Residual current IPE <= 50 µA
Standby power consumption PC <= 20 mVA
Nominal discharge current In(8/20) µs 20 kA
Short-circuit current rating ISCCR 1 kA
Voltage protection level Up(L-N) <= 2.5 kV
Voltage protection level Up(L-PE) <= 1.8 kV
Voltage protection level Up(N-PE) <= 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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