

INDUSTRIAL COMPONENT DATA

FLT-ISG-100-EX 2905579 PHOENIX CONTACT Spark gap

Brand: PHOENIX CONTACT | Manufacturer Part Number: FLT-ISG-100-EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	FLT-ISG-100-EX
Catalog number	2905579
Category	Spark gap for overvoltage protection
Minimum order	1 Pcs
Document ID	EO-2981A972B2
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Product Overview

Spark gap

Separation arc unloader for the Ex zone with plastic enclosure and threaded screw for M10 connection. For the indirect connection/grounding of separate system parts depending on the operation in the event of lightning strikes.

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 2905579

Packing unit 1 pc

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GTIN 4055626002446

Weight per Piece (excluding packing) 285.400 g

Custom tariff number 73269098

Country of origin DE (Germany)

Dimensions

Length 100 mm +2 mm

Diameter housing 45.50 mm

Ambient conditions

Degree of protection IP67 (according to IEC 60529)

Ambient temperature (operation) -20 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 60 °C

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

Permissible humidity (operation) 95 % (According to DIN ISO 60068-2-30 method 1)

General

Mounting type Screw mounting

Color traffic grey A RAL 7042

Type Screw-on module

Surge protection fault message none

Additional descriptions

Note Connection: screw (DIN 933), M10x25, wrench size: 17 mm, spring washer (DIN 7980), size: 10

Protective circuit

Nominal discharge current $I_n(8/20)$ μ s 100 kA

Maximum discharge current $I_{max}(8/20)$ μ s (Shield-Earth) 100 kA

Alternating voltage response $U_{aw} \leq$ 0.5 kV

Rated power-frequency withstand voltage U_{wAC} 250 V AC

Rated DC withstand voltage U_{wDC} 354 V DC

Rated impulse sparkover voltage $U_{r \text{ imp}} \leq$ 1.25 kV

Rated alternating discharge current 500 A / 0.2 s (at 50/60 Hz, max. discharge current in the event of external voltage influence at the installation location)

Response time $t_A \leq$ 100 ns

Connection data

Connection name Flange

Connection method Connection bolts

Screw thread M10

Standards and Regulations

Standards/regulations IEC 62561-3 2012

EN 62561-3 2012

Conformi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FLT-ISG-100-EX 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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