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-40F68D6D37
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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
Catalog page Page 78 (C-4-2017)
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 <= 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 In(8/20) µs 100 kA
Maximum discharge current Imax(8/20) µs (Shield-Earth) 100 kA
Alternating voltage response Uaw <= 0.5 kV
Rated power-frequency withstand voltage UwAC 250 V AC
Rated DC withstand voltage UwDC 354 V DC
Rated impulse sparkover voltage Ur imp <= 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 tA <= 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.

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