

Surge arrester

2-electrode arrester

Series/Type: D38T28M-A1000P1-2 Ordering code: B88069X4593B201

Date: 2019-08-10

Version: 02

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2-electrode arrester

D38T28M-A1000P1-2

Features

- Suitable for direct strikes
- Very fast response time
- Stable performance over life
- High insulation resistance
- RoHS-compatible

Applications

- AC power line N-PE application
- Class I surge protection

Electrical specifications

DC spark-over voltage 1) 2)	> 800	V
Front of wave spark-over voltage - at 1.2/50 µs, 6 kV	< 2200	V
Breakdown time - typical values	< 100 < 20	ns ns
Insulation resistance at 100 V _{DC}	> 1	$G\Omega$
Class I according to IEC 61643-11 Max. continuous operating voltage at 50/60 Hz U_c Nominal discharge current 8/20 μ s I_n Impulse current 10/350 μ s I_{imp} Follow current at 50/60 Hz I_f AC discharge current (TOV 3) at 1200 V) 1 operation 50 Hz, 0.2 s	440 100 100 100	V kA kA A
Weight	~ 8	g
Operation and storage temperature	-40 +125	°C
Climatic category (IEC 60068-1)	40/125/21	
Marking	without	

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859

²⁾ In darkness without storage

³⁾ TOV – Temporary over voltage

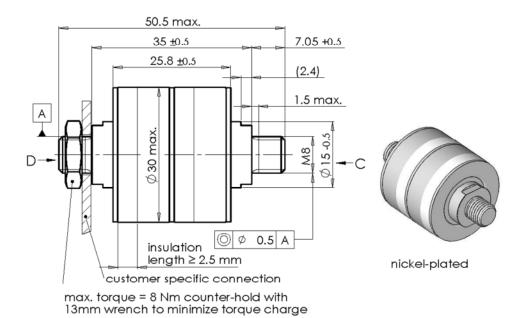


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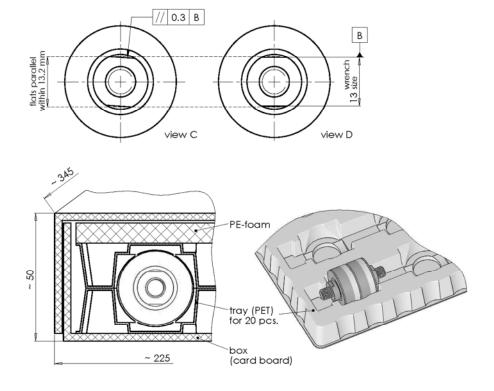
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Dimensional drawing in mm



Ordering code and packing advice

B88069X4593**B201** = 20 pcs. in tray



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Cautions and warnings

- The follow current must be limited (see values on page 2) so that the arrester can be properly extinguished when the surge has decayed. The arrester might otherwise heat up and ignite adjacent components.
- Surge arresters may become hot in the event of longer periods of current stress (burn risk). In the event of overload the connectors may fail or the component may be destroyed.
- If the contacts of the surge arresters are defective, current load can cause sparks and loud noises.
- Surge arresters must be handled with care and must not be dropped.
- Do not continue to use damaged surge arresters.

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