

Surge arrester

2-electrode arrester

Series/Type:	L1C-A800XP1
Ordering code:	B88069X5731B401
Date:	2015-08-24
Version:	05

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Surge arrester

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2-electrode arrester

L1C-A800XP1

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

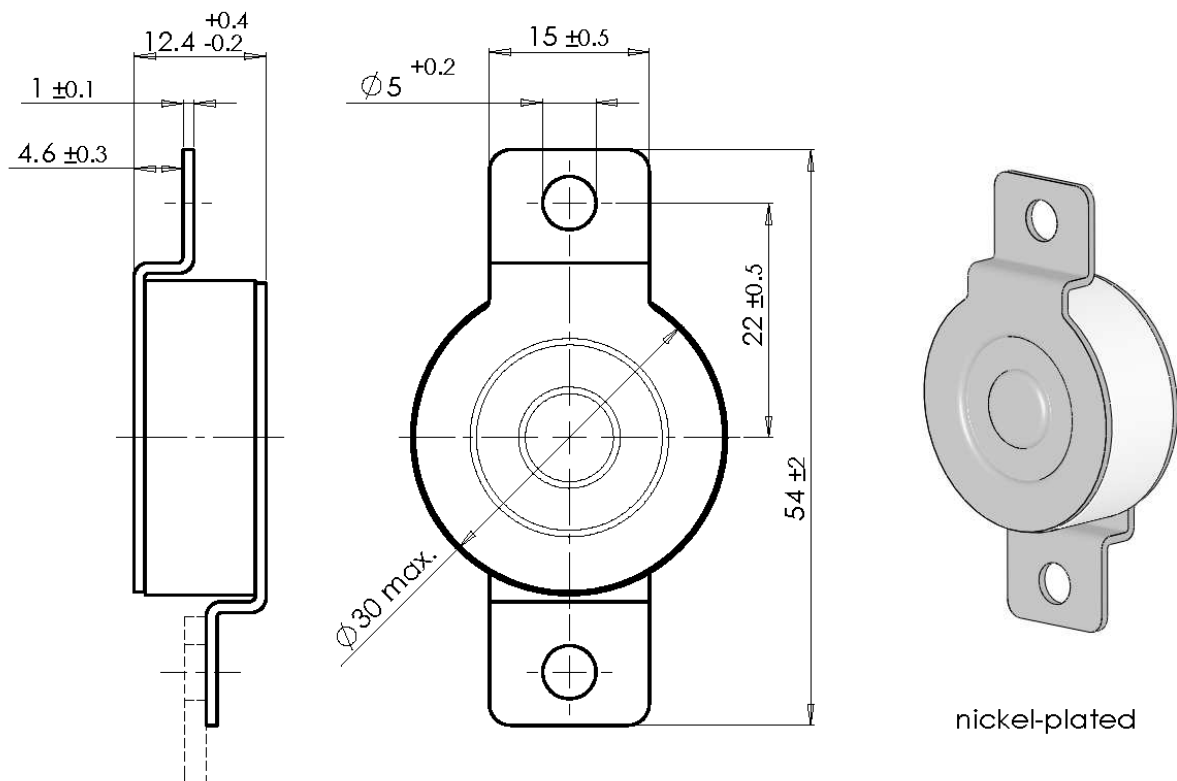
DC spark-over voltage ^{1) 2)}	> 600	V
Front of wave spark-over voltage - at 1.2/50 µs, 6 kV, for 99% of measured values	< 1500	V
Breakdown time - typical values	< 100 < 20	ns ns
Insulation resistance at 100 V _{DC}	> 1	GΩ
Class I according to EN 61643-11		
Max. continuous operating voltage at 50/60 Hz	U _c	255
Nominal discharge current 8/20 µs	I _n	50
Impulse current 10/350 µs	I _{imp}	50
Follow current at 50/60 Hz	I _f	100
AC discharge current (TOV ³⁾ at 1200 V) 1 operation 50 Hz, 0.2 s		300
Weight	~ 40	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/090/21	
Marking, blue positive	EPCOS 800 YY O 800 - Nominal voltage YY - Year of production O - Non radioactive	
Certifications	UL 1449 (E319264)	

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

²⁾ In ionized mode

³⁾ TOV – Temporary over voltage

Dimensional drawing in mm



Ordering code and packing advice

B88069X5731B401 = 40 pcs. in foam tray

