



LIGHTNING ARRESTER TYPE1,
1-POLE,UC 800V AC FOR 2-WIRE NETWORKS (L,PEN),
REMOTE SIGNALING CONTACT NOT FOR DIN-RAIL
MOUNTING

Similar to image

Technical data:

product brand name		SETRON
Design of the product		Lightning arrester
Operating voltage		
• with AC / nominal value	V	690
Continuous operating voltage / with AC / maximum	V	800
Supply voltage frequency	Hz	50 ... 60
Protection level	kV	4.5
Apparent power consumption / in standby mode	mVA	16
Impulse discharge current		
• for 1-phase / at (8/20) μ s / maximum	kA	35
• between L and N / for 1-phase / at (8/20) μ s / maximum	kA	100
Surge withstand capability / at 6 kV / at (8/20) μs	kV	4.5
Residual voltage		
• at (8/20) μ s	kV	2.7
• at 10 kA / at (8/20) μ s	kV	2.5
• at 5 kA / at (8/20) μ s	kV	2.2
• at 3 kA / at (8/20) μ s	kV	2.1
Dead time	ns	100

Degree of pollution		3
Installation altitude / at height above sea level / rated value	m	4,000
Product component / fuse		No
Protection class IP		IP20
Combustibility class acc. to UL 94		V2
Type of fusing / at input for supply voltage		400 A* 125 A gl/gG (*connection with 2x50 mm2**with feed-through wiring)
Short-circuit firmness		For 400gL: 50 kA rms
Ambient temperature	°C	-40 ... +80
Mounting type		Rail-mountable NS 35
• for rigid conductor / maximum	mm ²	50
• for rigid conductor / minimum	mm ²	16
• maximum	mm ²	50
• minimum	mm ²	16
Connectable AWG conductor cross-section / as coded AWG spec. / for grounding		
• finely stranded	mm ²	6 ... 0
Design of the thread		M6
Product component / remote-signaling contact		Yes
SPD classification / according to EN 61643-11		
• Test Class I, Type 1		Yes
• test class II type 2		No
• Test Class III, Type 3		No
Signal design		Defect signaling contact
Design of the switching function		1 CO
Design of the electrical connection		M2 screw thread
Stripped length / for remote signaling contact	mm	7
Net weight	g	3.3

Certificates/approvals:

General Product Approval

Declaration of Conformity



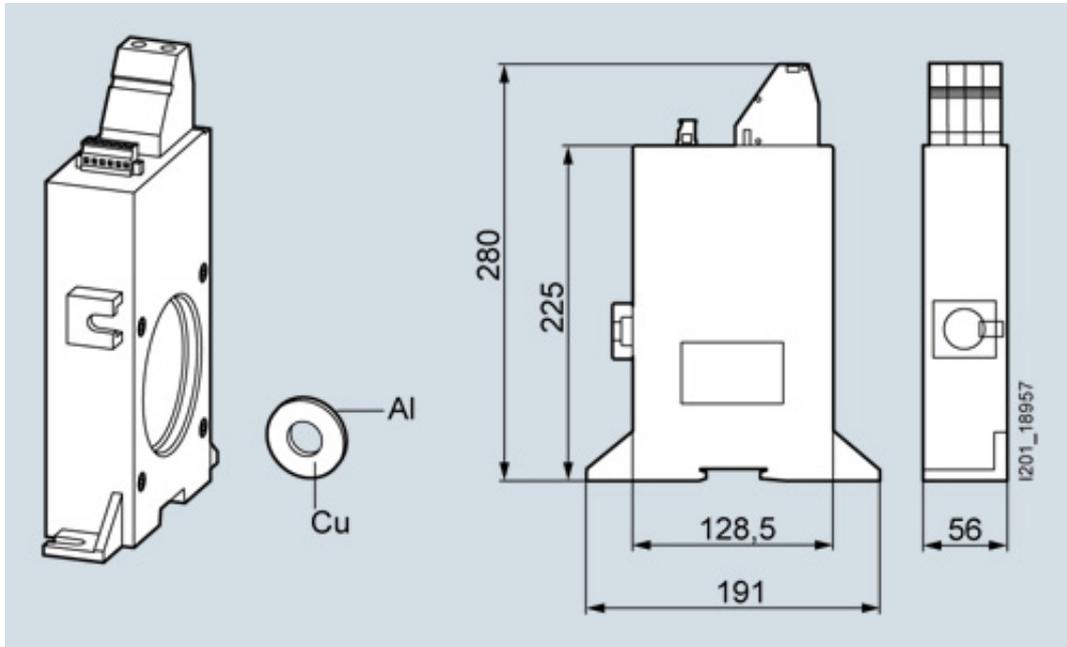
Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SD7411-2>



last change:

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