



SURGE ARRESTER TYPE 2 REQUIREMENT CAT. C,UC
580V AC PROTECTION BLOCKS PLUGGABLE 3POLES,
3+0 CIRCUIT FOR IT SYSTEMS WITHOUT N
CONDUCTOR

Similar to image

Technical data:		
product brand name		SETRON
Design of the product		Surge arrester
Operating voltage		
• with AC / nominal value	V	500
Continuous operating voltage / with AC / maximum	V	580
Supply voltage frequency	Hz	50 ... 60
Protection level	kV	2.5
Impulse discharge current		
• for 1-phase / at (8/20) µs / maximum	kA	15
• between L and N / for 1-phase / at (8/20) µs / maximum	kA	30
Residual voltage		
• at (8/20) µs	kV	2.5
• at 10 kA / at (8/20) µs	kV	2.3
• at 5 kA / at (8/20) µs	kV	2.1
• at 3 kA / at (8/20) µs	kV	1.9
Voltage Protection Rating (VPR) / according to UL 1449	V	1,600
Limit voltage		

• at puls curve shape C3 / at (20 kV/10 kA) / according to IEEE C 62.41 and BS 6651 • at puls curve shape C2 / at (10 kV/5 kA) / according to IEEE C 62.41 and BS 6651 • at puls curve shape B3/C1 / at (6 kV/3 kA) / according to IEEE C 62.41 and BS 6651	kV	2.3
	kV	2
	kV	1.9
Dead time	ns	25
Degree of pollution		2
Overvoltage category / according to IEC 61010-1		III
Product component / fuse		No
Protection class IP		IP20
Insulation material		PA 6.6
Combustibility class acc. to UL 94		V0
Type of fusing / at input for supply voltage		125 gL/gG
Short-circuit firmness		For 125gL: 25 kA rms
Ambient temperature	°C	-40 ... +80
Mounting type • for rigid conductor / maximum • for rigid conductor / minimum • maximum • minimum	mm ² mm ² mm ² mm ²	Rail-mountable NS 35 35 1.5 25 1.5
Connectable AWG conductor cross-section / as coded AWG spec. / for grounding • finely stranded	mm ²	15 ... 2
Product component / remote-signaling contact		No
Size of the surge arrester		3WM
SPD classification / according to EN 61643-11 • Test Class I, Type 1 • test class II type 2 • Test Class III, Type 3		No Yes No
Net weight	g	405

Certificates/approvals:

General Product
Approval

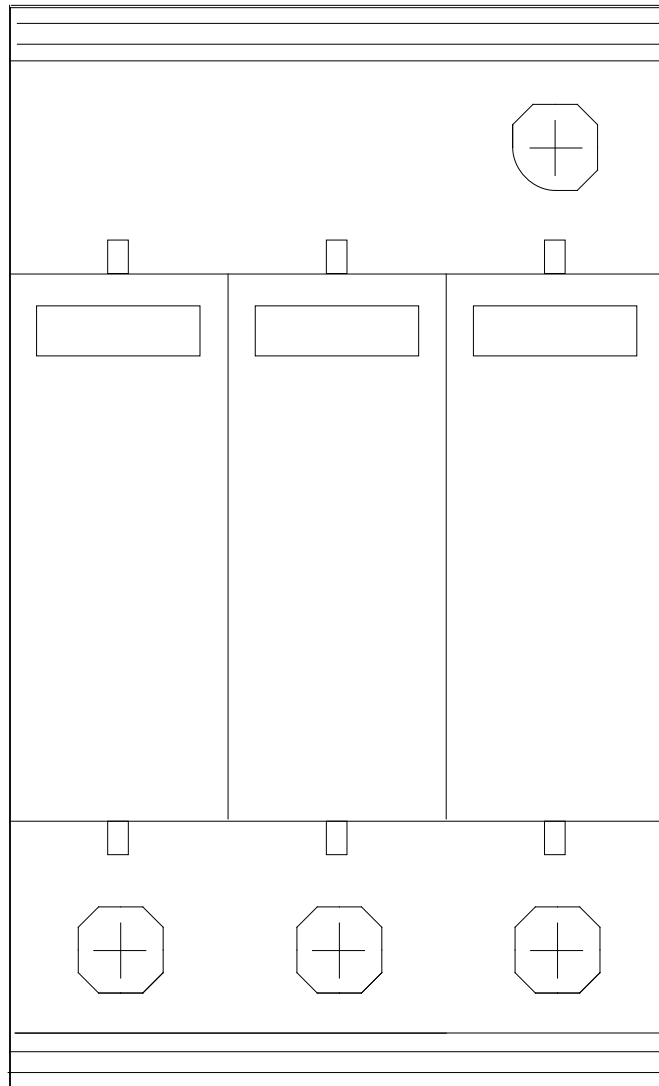
Declaration of Conformity



Further information:

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

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



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last change:

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