



SURGE ARRESTER TYPE 2 REQUIREMENT CAT. C,UC
440V AC PROTECTION BLOCKS PLUGGABLE 4POLES,
4+0 CIRCUIT FOR IT SYSTEMS WITH N CONDUCTOR

Similar to image

Technical data:		
product brand name		SETRON
Design of the product		Surge arrester
Operating voltage		
• with AC / nominal value	V	230
Continuous operating voltage / with AC / maximum	V	440
Supply voltage frequency	Hz	50 ... 60
Protection level	kV	2.2
Impulse discharge current		
• for 1-phase / at (8/20) µs / maximum	kA	20
• between L and N / for 1-phase / at (8/20) µs / maximum	kA	40
Residual voltage		
• at (8/20) µs	kV	2.2
• at 10 kA / at (8/20) µs	kV	1.8
• at 5 kA / at (8/20) µs	kV	1.5
• at 3 kA / at (8/20) µs	kV	1.4
Voltage Protection Rating (VPR) / according to UL 1449	V	1,200
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	1.8
	kV	1.5
	kV	1.4
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		Rail-mountable NS 35
• for rigid conductor / maximum	mm ²	35
• for rigid conductor / minimum	mm ²	1.5
• maximum	mm ²	25
• minimum	mm ²	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		4MW
SPD classification / according to EN 61643-11		
• Test Class I, Type 1		No
• test class II type 2		Yes
• Test Class III, Type 3		No
Net weight	g	445

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/5SD7485-0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

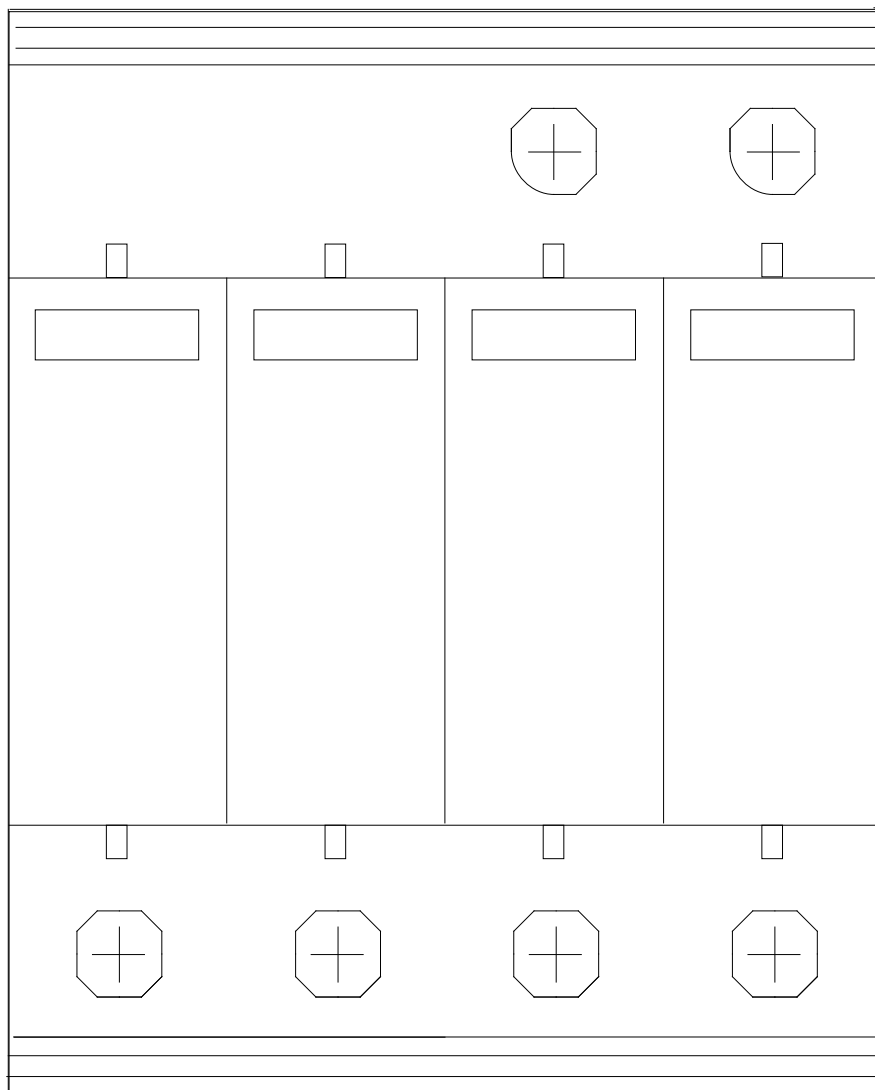
<http://support.automation.siemens.com/WW/view/en/5SD7485-0/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD7485-0

CAX-Online-Generator

<http://www.siemens.com/cax>



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last change:

Jun 30, 2014