



SURGE ARRESTER TYPE 2 REQUIREMENT CATEGORY C,
UC 350V PLUG-IN PROTECTION BLOCKS 1POLE,
L-N CIRCUIT

Similar to image

Technical data:

product brand name		SETRON
Design of the product		Surge arrester
Operating voltage		
• with AC / nominal value	V	240
Continuous operating voltage / with AC / maximum	V	350
Supply voltage frequency	Hz	50 ... 60
Protection level	kV	1.4
Apparent power consumption / in standby mode	mVA	3.5
Impulse discharge current		
• for 1-phase / at (8/20) μ s / maximum	kA	20
• between L and N / for 1-phase / at (8/20) μ s / maximum	kA	40
Residual voltage		
• at (8/20) μ s	kV	1.4
• at 10 kA / at (8/20) μ s	kV	1.2
• at 5 kA / at (8/20) μ s	kV	1.1
• at 3 kA / at (8/20) μ s	kV	1
Voltage Protection Rating (VPR) / according to UL 1449	V	900
Limit voltage		

<ul style="list-style-type: none"> • at puls curve shape C3 / at (20 kV/10 kA) / according to IEEE C 62.41 and BS 6651 	kV	1.2
<ul style="list-style-type: none"> • at puls curve shape C2 / at (10 kV/5 kA) / according to IEEE C 62.41 and BS 6651 	kV	1.1
<ul style="list-style-type: none"> • at puls curve shape B3/C1 / at (6 kV/3 kA) / according to IEEE C 62.41 and BS 6651 	kV	1
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
<ul style="list-style-type: none"> • for rigid conductor / maximum 	mm ²	35
<ul style="list-style-type: none"> • for rigid conductor / minimum 	mm ²	0.5
<ul style="list-style-type: none"> • maximum 	mm ²	25
<ul style="list-style-type: none"> • minimum 	mm ²	0.5
Connectable AWG conductor cross-section / as coded AWG spec. / for grounding		
<ul style="list-style-type: none"> • finely stranded 	mm ²	20 ... 2
Product component / remote-signaling contact		No
Size of the surge arrester		1WM
SPD classification / according to EN 61643-11		
<ul style="list-style-type: none"> • Test Class I, Type 1 		No
<ul style="list-style-type: none"> • test class II type 2 		Yes
<ul style="list-style-type: none"> • Test Class III, Type 3 		No
Net weight	g	133

Certificates/approvals:

General Product Approval



GOST

Declaration of Conformity



EG-Konf.

other

[Environmental Confirmations](#)

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/5SD7461-0>

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

<http://support.automation.siemens.com/WW/view/en/5SD7461-0/all>

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

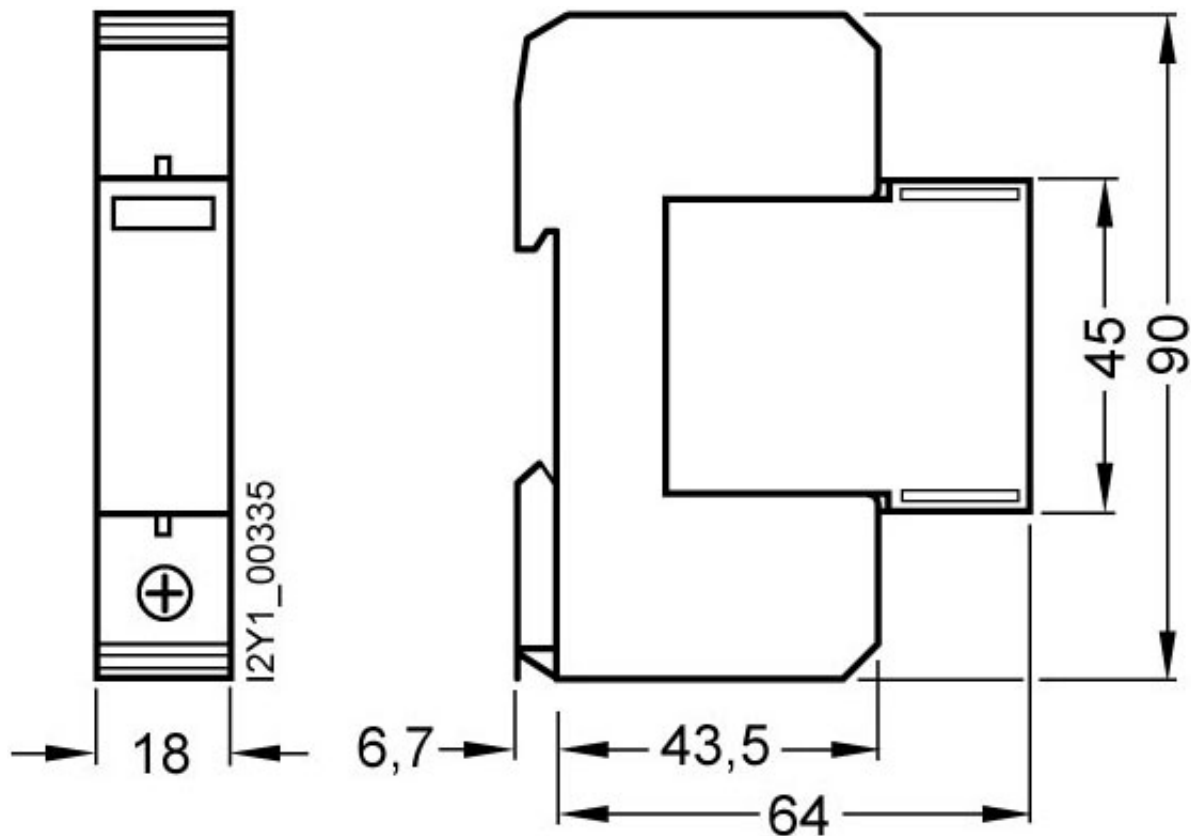
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SD7461-0

CAX-Online-Generator

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

Tender specifications

[Datanorm GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)



last change:

Jun 30, 2014