



SURGE ARRESTER TYPE 3 REQUIREMENT CATEGORY
D RATED VOLTAGE UN 230V UC DC275V/AC253V,
4POLE FOR 3PHASE POWER SUPPLY

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	335
Supply voltage frequency	Hz	50 ... 60
Protection level		
• between N and L	kV	1.2
• between PE and N and/or L	kV	1.5
Apparent power consumption		
• between L and N / in standby mode	mVA	1,600
• between PE and N or L / in standby mode	mVA	750
Impulse discharge current		
• for 1-phase / at (8/20) µs / maximum	kA	1.5
• between L and N / for 1-phase / at (8/20) µs / maximum	kA	4.5
• between N and PE / for 1-phase / at (8/20) µs / maximum	kA	10
Continuous operating voltage / with DC / maximum	V	255
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		25A gL, MCB 25A B/C
Short-circuit firmness		For 25gL: 1.5 kA rms
Ambient temperature	°C	-40 ... +85
Mounting type		Rail-mountable NS 35
• for rigid conductor / maximum	mm ²	4
• for rigid conductor / minimum	mm ²	0.2
• maximum	mm ²	2.5
• minimum	mm ²	0.2
Connectable AWG conductor cross-section / as coded AWG spec. / for grounding		
• finely stranded	mm ²	24 ... 12
Product component / remote-signaling contact		Yes
Size of the surge arrester		1WM
SPD classification / according to EN 61643-11		
• Test Class I, Type 1		No
• test class II type 2		No
• Test Class III, Type 3		Yes
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	135

Certificates/approvals:

General Product Approval

Declaration of
Conformity

other



[Environmental
Confirmations](#)

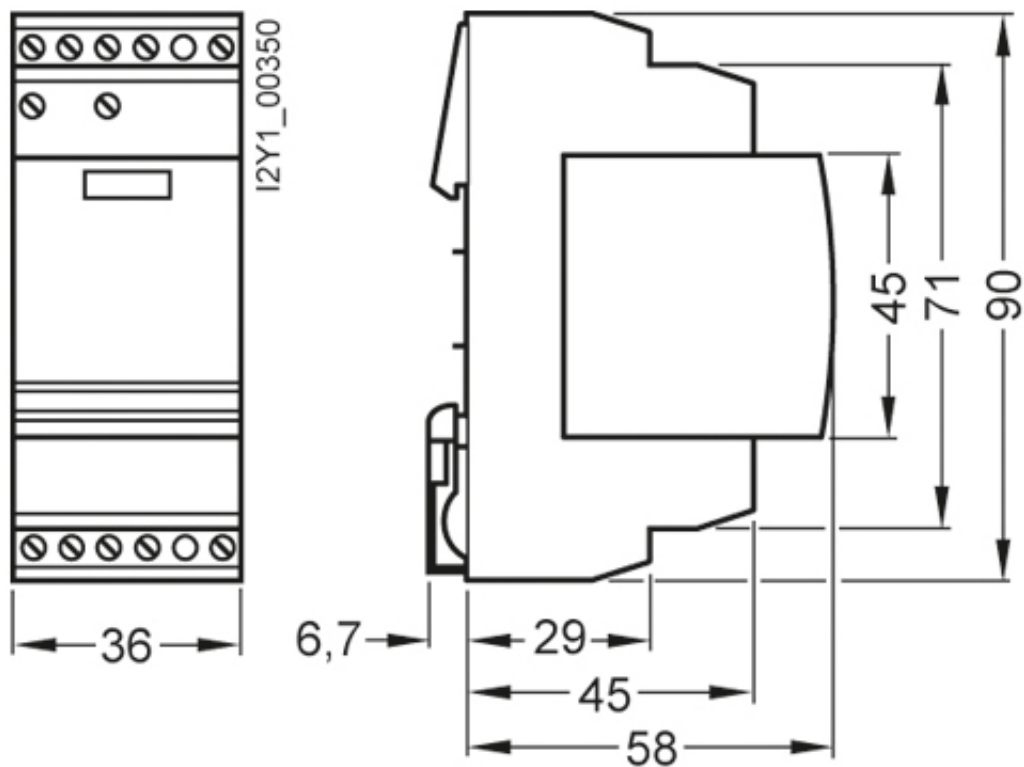
Further information:

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/5SD7434-1>



last change:

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