

SDS

SURGE DEFENCE SYSTEM

PHOTOVOLTAIC



MODEL

SDSPHVDIN500/600/800/1000/1200C

APPLICATION

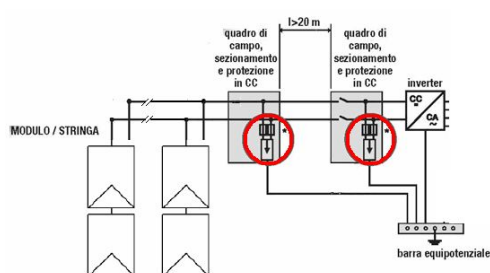
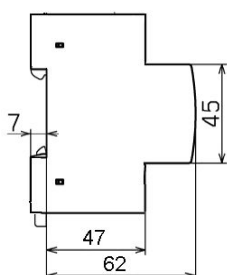
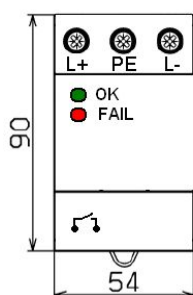
- Lightning and transients Arrester for Photovoltaic Installations

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- Common and Differential mode protection
- Unbeatable capability of diverting lightning energy
- Programmable threshold voltage protection
- Extremely low insertion loss
- Integrated diagnostics for aging and failure signalling fitted with SPDT contact for remote control

TECHNICAL SPECIFICATIONS		SDSPHVDIN500C/600C/800C/1000C/1200C
1.	PV Open circuit voltage	500/600/800/1000/1200
2.	Nominal current In 8/20us (L+ /L- - PE)	20kA
3.	Max discharge current (8/20us)	40kA
4.	Voltage Protection level @5kA (L+ - L-)	1,2kV
5.	Operating Temperature	-25 - 80°C
6.	Storage Temperature	-25 - 80°C
7.	RH (Relative Humidity)	95
8.	Housing material UL94-V0	PC/ABS
9.	Standard Colour (2*)	7035
10.	Protection Degree IEC 60529	IP20
11.	Connections - Remote signalling terminal block	0,2-2,5-mmq
12.	Connections – power terminal blocks	2,5 – 25mmq
13.	Standard	EN61643-11
14.	Class EN61643-11	II
15.	Mounting	Din rail 35mm

DIMENSIONS	INSTALLATION
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CODE	DESCRIPTION	VOLTAGE [V]	DIMENSIONS L/H/W [mm]	WEIGHT [Kg]
SDSPHVDIN500C	SDSPHOTOVOLTAIC WITH DIAGNOSTIC LED + REMOTE ALARM	500 D.C	54/62/90	0,250
SDSPHVDIN600C	SDSPHOTOVOLTAIC WITH DIAGNOSTIC LED + REMOTE ALARM	600 D.C.	54/62/90	0,250
SDSPHVDIN800C	SDSPHOTOVOLTAIC WITH DIAGNOSTIC LED + REMOTE ALARM	800 D.C.	54/62/90	0,250
SDSPHVDIN1000C	SDSPHOTOVOLTAIC WITH DIAGNOSTIC LED + REMOTE ALARM	1000 D.C.	54/62/90	0,250
SDSPHVDIN1200C	SDSFOTOVOLTAICO CON DIAGNOSTICA LED + ALLARME REMOTO	1200 D.C.	54/62/90	0,250



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