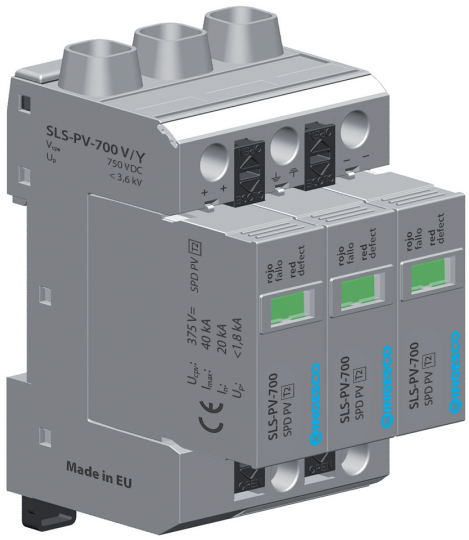
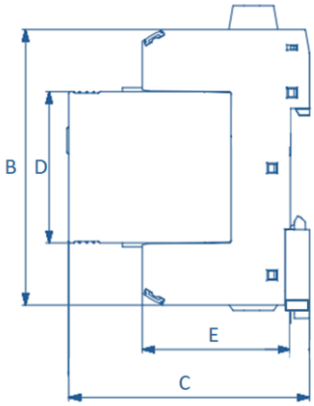
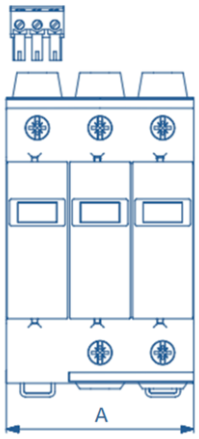






INGESCO
LIGHTNING SOLUTIONS

SLS-PV700 V/Y

Lightning and surge arrester for installation in the DC circuits of solar photovoltaic systems

applications

Protector Type 2 (Class C), indicated for the protection of current circuits in photovoltaic panels.
Maximum discharge current up to 40 kA (8/20).
Maximum continuous operating voltage for PV application: Ucpv ≥ 1,2 X UOC STC

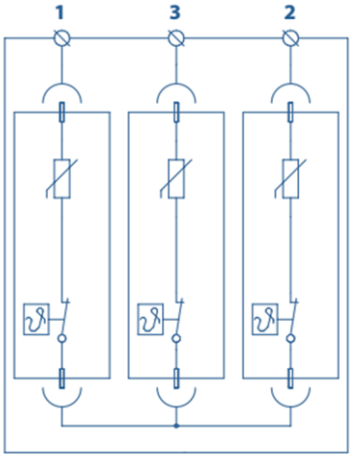
characteristics & benefits

· V/Y connection.
· Zinc oxide varistors
· Easily replaceable plug-in modules with locking system.
· Base and modules configured for secure mounting.
· Easy maintenance through local fault locator.

technical specifications

Description	Ref.	Nb. Phases	Grade protec.	Range Tª work	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
SLS-PV700 V/Y	370239	3F	IP20	-40º a 80ºC	54	82	72	45	44	340

basic circuit diagram



protective parameters

Maximun operating voltage	U_{CPV}	750 V DC
Nominal discharge current (8/20 µs)	I_n	20 kA
Maximum discharge current (8/20 µs)	I_{max}	40 kA
Voltage protection level	U_p	3,6 kV
Response time	t_a	25 ns
Cross-section of connected conductors solid		ISO:1/35 mm^2 ; AWG:17/2
Cross-section of connected conductors stranded		ISO:1/25mm^2 ; AWG:17/4
Fault indication		Yes
Mounting		DIN rail

standards and tests

· IEC 61.643-11:2011
· EN 61.643-11:2012
· UNE 61.643-11:2013
· IEC 62.305-1, 2, 3 y 4
· UNE 21.186:2011
· NFC 17-102:2011
· UNE EN 60.664-1:2008
· RBT

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SLS-PV700 V/Y