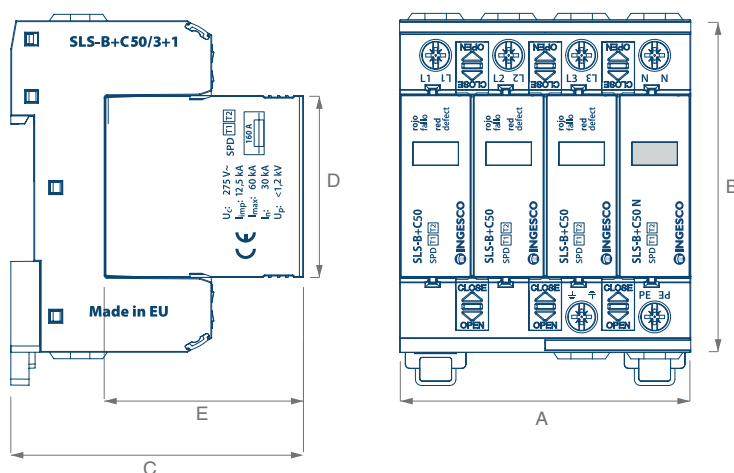




► SLS-B+C50/3+1

Lightning and surge arrester
for three phase lines (3F+N)
230/400 V.



► applications

Combined type 1 and 2 (Class B + C) protector, suitable for protection of low voltage lines against lightning strikes and surges up to 50kA (10/350) in TT (TNS) networks.

Recommended for industrial facilities or buildings, with a risk of partial lightning currents, induced overvoltages during a lightning strike or switching overvoltages.

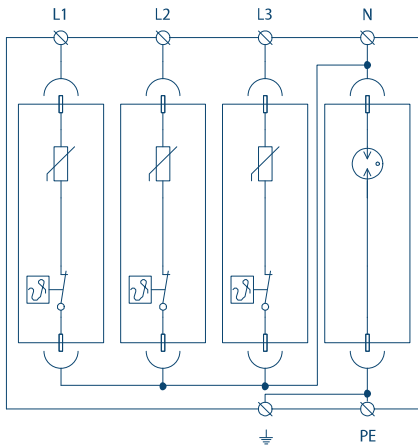
► characteristics & benefits

- Three phases protector (3-poles + NPE).
- Provides high protection and low residual stress, for its combination of high performance varistors and encapsulated spark gap.
- 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.	Nº Phases	Grade protec.	Range Tª work	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (g)
SLS-B+C50/3+1	370242	3F+N	IP20	-40° a 80°C	72	82	72	45	48	460
SLS-B+C50/220V	370247	-	IP20	-40° a 80°C	-	-	-	45	48	95

► basic circuit diagram



► protective parameters

		L-N	NPE
Rated voltage	U_n	230 Vca	-
Maximum working voltage	U_c	275 Vca	255 Vca
Current peak value of lightning (10/350 μ s)	I_{imp}	12,5 kA	50 kA
Nominal discharge current (8/20 μ s)	I_n	30 kA	50 kA
Maximum discharge (8/20 μ s)	I_{max}	60 kA	100 kA
Protection level	U_p	<1,2 kV	<1,5 kV
Backup fuse maximum		160A gU/gG	-
Response time	t_A	25 ns	100 ns
Wire cross-section, rigid min/max		1-35 mm ²	
Wire cross-section, flexible min/maxIndicator		1-25 mm ²	
Local fault indicator		yes	no
Mounting type		rail DIN 35mm	

► 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