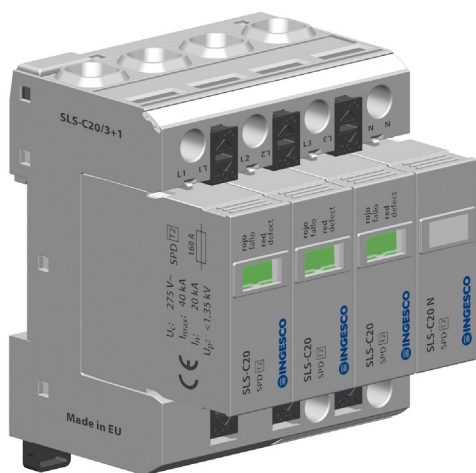
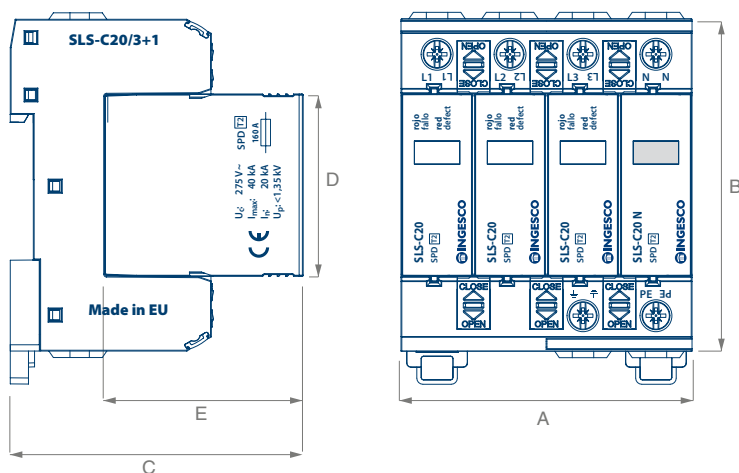




► SLS-C20/3+1

Lightning and surge arrester for three phase lines (3F+N) 380 V.



► applications

Type 2 (Class C) protector, suitable for protection of low voltage lines against lightning strikes and transitory surges of up to 40kA (8/20) in TT (TNS) networks.

Recommended for industrial installations, distribution boards, buildings with low risk of receiving lightning strikes or fed by underground power lines.

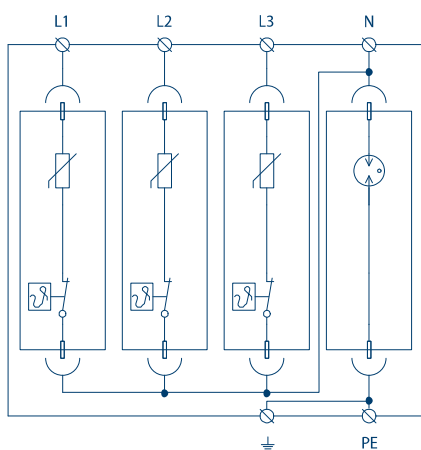
► characteristics & benefits

- Tri-phase 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-C20/3+1	370220	3F+N	IP20	-40° a 80°C	72	82	72	45	48	450
SLS-B+C20/220V	370221	-	IP20	-40° a 80°C	-	-	-	45	48	95

► basic circuit diagram



► protective parameters

		L-N	NPE
Rated voltage	U_n	230 V AC	-
Maximum working voltage	U_c	275 V AC	255 V AC
Current peak value of lightning (10/350 μ s)	I_{imp}	-	12 kA
Nominal discharge current (8/20 μ s)	I_n	20 kA	20 kA
Maximum discharge current (8/20 μ s)	I_{max}	40 kA	40 kA
Protection level	U_p	<1,35 kV	<1,50 kV
Backup fuse maximum		160A gL/gG	-
Response time	t_A	25 ns	100 ns
Wire cross-section, rigid min/max		1-35mm ²	
Wire cross-section, flexible min/maxIndicator		1-25mm ³	
Local fault indicator		yes	no
Mounting type		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



DENA DESARROLLOS SL

Duero 5 | 08223 Terrassa | Barcelona | Spain
T 937 360 305 | T (+34) 937 360 314
F 937 360 312
central@ingesco.com

SLS-C20/3+1