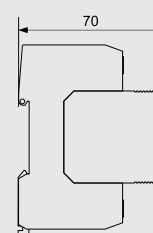
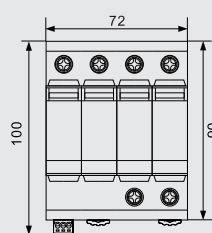
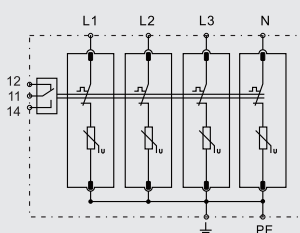


BR-110 4P

Type 2 Surge Arrester



BR-110 4pole surge arrester is suitable for TN-S system.

		BR-110 275 4P	BR-110 320 4P	BR-110 385 4P
SPD classification according to EN61643-11		Type 2	Type 2	Type 2
SPD classification according to IEC61643-11		Class II	Class II	Class II
Max. continuous operating a.c. voltage	U_c	275V	320V	385V
Nominal discharge current (8/20 μ s)	I_n	50kA	50kA	50kA
Max. discharge current (8/20 μ s)	I_{max}	110kA	110kA	110kA
Voltage protection level	U_p	$\leq 1.8kV$	$\leq 2.0kV$	$\leq 2.5kV$
Voltage protection level 5kA	U_p	$\leq 1kV$	$\leq 1.1kV$	$\leq 1.2kV$
Max. backup fuse		160A gG	160A gG	160A gG
Short-circuit withstand capacity	I_{SCCR}	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	U_T	335V/5sec.	400V/5sec.	500V/5sec.
Temporary overvoltage TOV-safe failure	U_T	440V/120min.	520V/120min.	650V/120min.
Leakage current	I_{PE}	$< 0.5mA$	$< 0.5mA$	$< 0.5mA$
Response time	t_A	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$
Operating temperature range	T_u	-40°C-80°C	-40°C-80°C	-40°C-80°C
Operating state/fault indication		green/red	green/red	green/red
Cross-section area (Min.)		4 mm ²	4 mm ²	4 mm ²
Cross-section area (Max.)		35mm ²	35mm ²	35mm ²
For mounting on		35mm Din rail		
Enclosure material		Thermoplastic UL94-V0		
Degree of protection		IP20	IP20	IP20
Order Code		B18823	B18825	B18827
Order Code (With remote signaling)		B18824	B18826	B18828