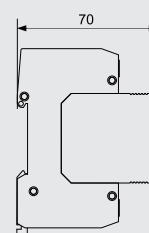
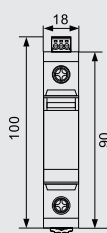
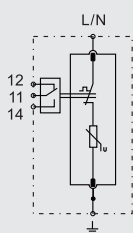


BR-110 1P

Type 2 Surge Arrester



■ BR-110 1pole can be used to build 2P, 3P and 4P surge arresters.

		BR-110 275 1P	BR-110 320 1P	BR-110 385 1P
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 (8/20μs)	I _n	50kA	50kA	50kA
Max. discharge current (8/20μs)	I _{max}	110kA	110kA	110kA
Voltage protection level	U _p	≤1.8kV	≤2.0kV	≤2.5kV
Voltage protection level 5kA	U _p	≤1kV	≤1.1kV	≤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}	<1mA	<1mA	<1mA
Response time	t _A	≤25ns	≤25ns	≤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		B18853	B18855	B18857
Order Code (With remote signaling)		B18854	B18856	B18858