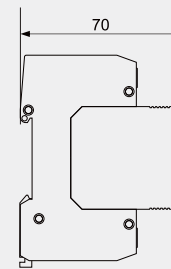
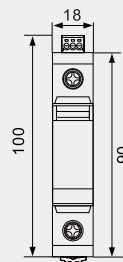
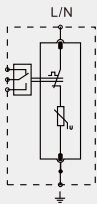


BR-12.5M 1P

T1+T2+T3 Surge Arrester



BR-12.5M 1P can be used to build 2P, 3P and 4P surge arresters.

		BR-12.5M 275 1P
SPD classification according to EN61643-11		Type 1+Type 2+Type 3
SPD classification according to IEC61643-11		Class I+ClassII+Class III
Max. continuous operating a.c. voltage	Uc	275V
Lightning impulse current (10/350µs)	Iimp	12.5kA
Nominal discharge current (8/20µs)	In	25kA
Max. discharge current (8/20µs)	I _{max}	60kA
Combination wave (1.2/50µs)	Uoc	6kV
Voltage protection level	Up	≤ 1.3kV
Voltage protection level @Uoc	Up	<700V
Max. backup fuse		125A gG
Specific energy	W/R	39kJ/Ω
Short circuit withstand capacity	I _{SCCR}	25kA
Temporary overvoltage TOV-withstand	U _T	335V/5sec.
Temporary overvoltage TOV-safe failure	U _T	440V/120min.
Leakage current	I _{PE}	< 1mA
Response time	t _A	≤ 25ns
Operating temperature range	T _u	-40°C–80°C
Operating state/fault indication		green/red
Cross-section area (Min.)		4 mm ²
Cross-section area (Max.)		35mm ²
For mounting on		35mm Din rail
Enclosure material		Thermoplastic UL94-V0
Degree of protection		IP20
Order Code		B18173
Order Code (With remote signaling)		B18174