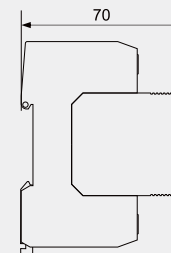
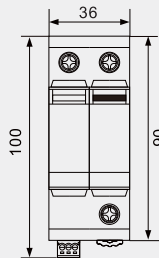
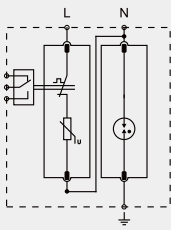


## BR-12.5M 1+1

T1+T2+T3 Surge Arrester



BR-12.5M 1+1 surge arrester is suitable for single phase TT and TN system.

			BR-12.5M-275 1+1
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	U <sub>c</sub>		275V
Lightning impulse current (10/350μs) (L-N/N-PE)	I <sub>imp</sub>		12.5kA/25kA
Nominal discharge current (8/20μs) (L-N/N-PE)	I <sub>n</sub>		25kA/50kA
Max. discharge current (8/20μs) (L-N/N-PE)	I <sub>max</sub>		60kA/100kA
Combination wave (1.2/50μs)	U <sub>oc</sub>		6kV
Voltage protection level (L-N/N-PE)	U <sub>p</sub>		≤1.3kV/≤1.5kV
Voltage protection level @U <sub>oc</sub>	U <sub>p</sub>		<700V
Max. backup fuse			125A gG
Specific energy (L-N/N-PE)	W/R		39kJ/Ω / 625kJ/Ω
Short circuit withstand capacity	I <sub>SCCR</sub>		25kA
Temporary overvoltage TOV-withstand (L-N)	U <sub>T</sub>		335V/5sec.
Temporary overvoltage TOV-safe failure (L-N)	U <sub>T</sub>		440V/120min.
Temporary overvoltage TOV-withstand (N-PE)	U <sub>T</sub>		1200V/200ms
Leakage current	I <sub>PE</sub>		< 1mA
Response time (L-N/N-PE)	t <sub>A</sub>		≤25ns/≤100ns
Operating temperature range	T <sub>u</sub>		-40°C-80°C
Operating state/fault indication			green/red
Cross-section area (Min.)			4mm <sup>2</sup>
Cross-section area (Max.)			35mm <sup>2</sup>
For mounting on			35mm Din rail
Enclosure material			Thermoplastic UL94-V0
Degree of protection			IP20
Order Code			B18619
Order Code (With remote signaling)			B18620