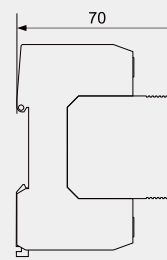
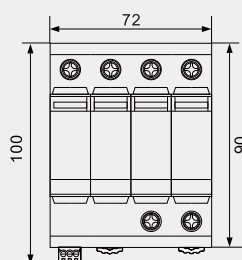
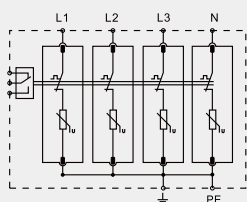


BR-12.5M 4P

T1+T2 Surge Arrester



BR-25M 4P is suitable for TN-S system.

	BR-12.5M 150 4P	BR-12.5M 275 4P	BR-12.5M 320 4P
SPD classification according to EN61643-11	Type 1 + Type 2	Type 1 + Type 2	Type 1 + Type 2
SPD classification according to IEC61643-11	Class I + Class II	Class I + Class II	Class I + Class II
Max. continuous operating a.c. voltage	U_c	150V	275V
Lightning impulse current (10/350 μ s)	I_{imp}	12.5kA	12.5kA
Total discharge current (10/350 μ s)	I_{total}	50kA	50kA
Nominal discharge current (8/20 μ s)	I_n	25kA	25kA
Max. discharge current (8/20 μ s)	I_{max}	60kA	60kA
Voltage protection level	U_p	≤ 0.8 kV	≤ 1.3 kV
Specific energy	W/R	39kJ/ Ω	39kJ/ Ω
Short circuit withstand capacity	I_{SCCR}	25kA	25kA
Temporary overvoltage TOV-withstand	U_T	175V/5sec.	335V/5sec.
Temporary overvoltage TOV-safe failure	U_T	250V/120min.	440V/120min.
Max. backup fuse		125A gG	125A gG
Leakage current	I_{PE}	<0.1mA	<0.1mA
Response time	t_A	≤ 25 ns	≤ 25 ns
Operating temperature range	T_u	-40 $^{\circ}$ C-80 $^{\circ}$ C	-40 $^{\circ}$ C-80 $^{\circ}$ C
Operating state/fault indication		green/red	green/red
Cross-section area (Min.)		4mm 2	4mm 2
Cross-section area (Max.)		35mm 2	35mm 2
For mounting on	35mm Din rail		
Enclosure material	Thermoplastic UL94-V0		
Degree of protection	IP20	IP20	IP20
Order Code	B18411	B18413	B18415
Order Code (With remote signaling)	B18412	B18414	B18416