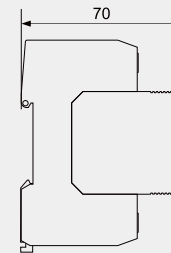
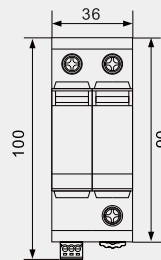
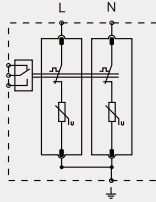
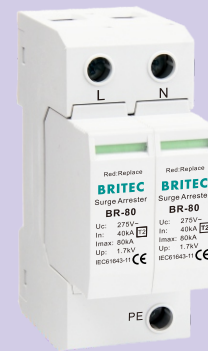


BR-80 2P

Type 2 Surge Arrester



BR-80 2 pole surge arrester is suitable for single phase TN system.

	BR-80 150 2P	BR-80 275 2P	BR-80 320 2P	BR-80 385 2P
SPD classification according to EN61643-11	Type 2	Type 2	Type 2	Type 2
SPD classification according to IEC61643-11	Class II	Class II	Class II	Class II
Max. continuous operating a.c. voltage U_c	150V	275V	320V	385V
Nominal discharge current (8/20 μ s) I_n	40kA	40kA	40kA	40kA
Max. discharge current (8/20 μ s) I_{max}	80kA	80kA	80kA	80kA
Voltage protection level U_p	$\leq 1.0kV$	$\leq 1.7kV$	$\leq 2.0kV$	$\leq 2.3kV$
Voltage protection level 5kA U_p	$\leq 0.5kV$	$\leq 0.9kV$	$\leq 1.1kV$	$\leq 1.3kV$
Max. backup fuse	200A gG	200A gG	200A gG	200A gG
Short-circuit withstand capacity I_{SCCR}	25kA	25kA	25kA	25kA
Temporary overvoltage TOV-withstand U_T	175V/5sec.	335V/5sec.	350V/5sec.	550V/5sec.
Temporary overvoltage TOV-safe failure U_T	250V/120min.	440V/120min.	550V/120min.	660V/120min.
Leakage current I_{PE}	< 1mA	< 1mA	< 1mA	< 1mA
Response time t_A	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$
Operating temperature range T_u	-40°C-80°C	-40°C-80°C	-40°C-80°C	-40°C-80°C
Operating state/fault indication	green/red	green/red	green/red	green/red
Cross-section area (Min.)	4 mm ²	4 mm ²	4 mm ²	4 mm ²
Cross-section area (Max.)	35mm ²	35mm ²	35mm ²	35mm ²
For mounting on	35mm Din rail			
Enclosure material	Thermoplastic UL94-V0			
Degree of protection	IP20	IP20	IP20	IP20
Order Code	B18276	B18278	B18280	B18282
Order Code (With remote signaling)	B18277	B18279	B18281	B18283