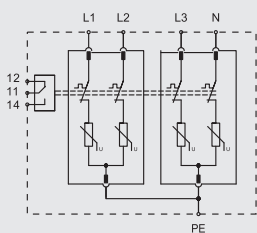
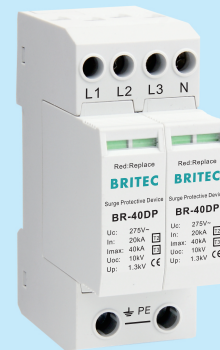
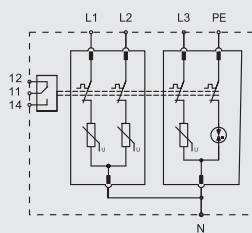


BR-40DP

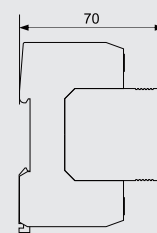
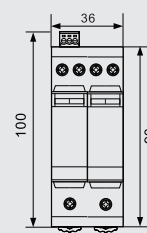
Type 2+3 Surge Arrester



BR-40DP 4P



BR-40DP 3+1



- Type 2+Type 3 surge arrester is installed between LPZ1 and LPZ2, it can provide type 3 protection for equipments which installed within 5 meters from these devices.

		BR-40DP 275 4P	BR-40DP 320 4P	BR-40DP 275 3+1	BR-40DP 320 3+1
SPD classification according to EN61643-11		Type 2+Type 3	Type 2+Type 3	Type 2+Type 3	Type 2+Type 3
SPD classification according to IEC61643-11		Class II+Class III	Class II+Class III	Class II+Class III	Class II+Class III
Max. continuous operating a.c. voltage	Uc	275V	320V	275V	320V
Nominal discharge current (8/20μs)	In	20kA	20kA	20kA	20kA
Max. discharge current (8/20μs)	I _{max}	40kA	40kA	40kA	40kA
Voltage protection level	Up	≤1.3kV	≤1.5kV	≤1.3kV/1.5kV	≤1.5kV/1.5kV
Voltage protection level 5kA	Up	≤1.0kV	≤1.2kV	≤1.0kV/1.5kV	≤1.2kV/1.5kV
Combined impulse	Uoc	10kV	10kV	10kV	10kV
Max. backup fuse		100A gG	100A gG	100A gG	100A gG
Short-circuit withstand capacity	I _{SCCR}	25kA	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	U _T	335V/5sec.	400V/5sec.	335V/5sec.	400V/5sec.
Temporary overvoltage TOV-safe failure	U _T	440V/120min.	520V/120min.	440V/120min.	520V/120min.
Leakage current	I _{PE}	<0.5mA	<0.5mA	None	None
Response time	t _A	≤25ns	≤25ns	≤25ns/≤100ns	≤25ns/≤100ns
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.)		2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²
Cross-section area (Max.)		16 mm ²	16 mm ²	16 mm ²	16 mm ²
For mounting on		35mm Din rail			
Enclosure material		Thermoplastic UL94-V0			
Degree of protection		IP20	IP20	IP20	IP20
Order Code		B18220	B17250	B18243	B17254
Order Code (With remote signaling)		B18221	B17251	B18244	B17255