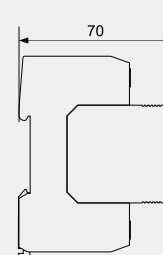
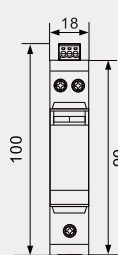
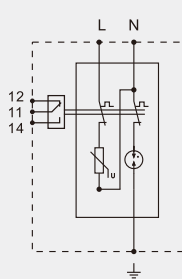
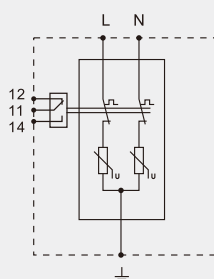


## BR-20DP

### Type 3 Surge Arrester



■ Type 3 surge arrester is installed between LPZ2 and LPZ3, it can provide protection for equipments.

	BR30-20DP	BR75-20DP	BR150-20DP	BR275-20DP	
SPD classification according to EN61643-11	Type 3	Type 3	Type 3	Type 3	
SPD classification according to IEC61643-11	Class III	Class III	Class III	Class III	
Nominal a.c. voltage	Un	24V	60V	120V	230V
Max. continuous operating a.c. voltage	Uc	30V	75V	150V	275V
Max. continuous operating d.c. voltage	Uc	38V	100V	190V	300V
Nominal discharge current (8/20μs)	In	10kA	10kA	10kA	10kA
Combined impulse	Uoc	10kV	10kV	10kV	10kV
Voltage protection level	Up	≤300V	≤600V	≤800V	≤1200V
Short-circuit withstand capacity	IscCR	25kA	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	UT	36V/5sec.	90V/5sec.	175V/5sec.	335V/5sec.
Temporary overvoltage TOV-safe failure	UT	47V/120min.	119V/120min.	250V/120min.	440V/120min.
Leakage current	IPe	<0.1mA	<0.1mA	<0.1mA	<0.1mA
Response time	tA	≤25ns	≤25ns	≤25ns	≤25ns
Operating temperature range	Tu	-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 <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>
Cross-section area (Max.)		16 mm <sup>2</sup>	16 mm <sup>2</sup>	16 mm <sup>2</sup>	16 mm <sup>2</sup>
For mounting on	35mm Din rail				
Enclosure material	Thermoplastic UL94-V0				
Degree of protection	IP20	IP20	IP20	IP20	
Order Code	2P	B18345	B18343	B18341	B18339
Order Code (with remote signal)	2P	B18346	B18344	B18342	B18340
Order Code	1+1	B18353	B18351	B18349	B18347
Order Code (with remote signal)	1+1	B18354	B18352	B18350	B18348