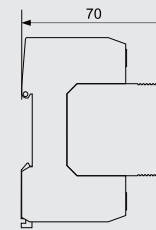
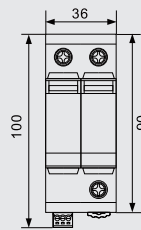
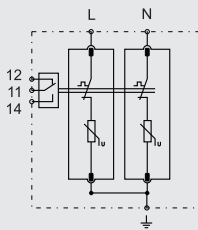


## BR-80 2P

### 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
Nominal discharge current (8/20 $\mu$ s)	$I_n$	40kA	40kA	40kA
Max. discharge current (8/20 $\mu$ s)	$I_{max}$	80kA	80kA	80kA
Voltage protection level	$U_p$	$\leq 1.0kV$	$\leq 1.7kV$	$\leq 2.0kV$
Voltage protection level 5kA	$U_p$	$\leq 0.6kV$	$\leq 1kV$	$\leq 1.1kV$
Max. backup fuse		160A gG	160A gG	160A gG
Short-circuit withstand capacity	$I_{SCCR}$	25kA	25kA	25kA
Temporary overvoltage TOV-withstand	$U_T$	180V/5sec.	335V/5sec.	400V/5sec.
Temporary overvoltage TOV-safe failure	$U_T$	230V/120min.	440V/120min.	520V/120min.
Leakage current	$I_{PE}$	<1mA	<1mA	<1mA
Response time	$t_A$	$\leq 25ns$	$\leq 25ns$	$\leq 25ns$
Operating temperature range	$T_u$	-40 $^{\circ}C$ -80 $^{\circ}C$	-40 $^{\circ}C$ -80 $^{\circ}C$	-40 $^{\circ}C$ -80 $^{\circ}C$
Operating state/fault indication		green/red	green/red	green/red
Cross-section area (Min.)		4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Cross-section area (Max.)		35mm <sup>2</sup>	35mm <sup>2</sup>	35mm <sup>2</sup>
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