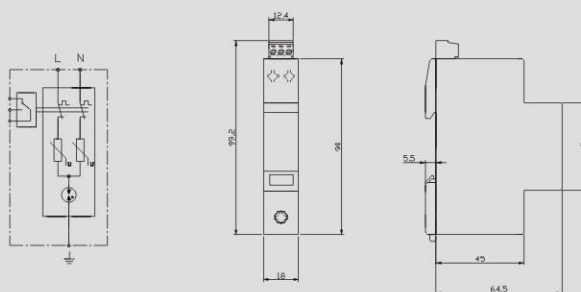
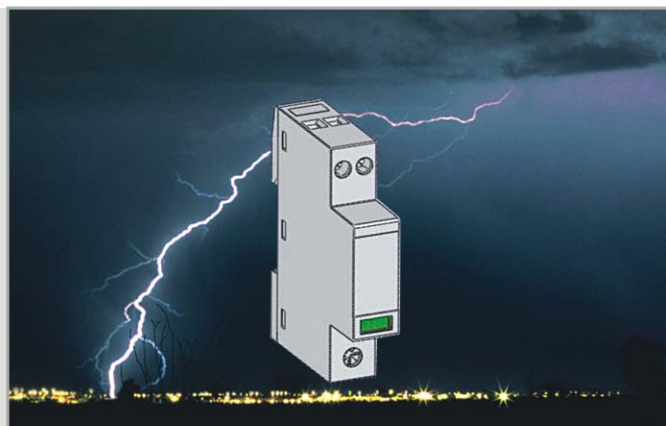


## Type 3 Surge Arrester 三级电涌保护器

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## BR255-10

### Type 3 Surge Arrester 三级电涌保护器



- Type Type 3 surge arrester is installed between LPZ2 and LPZ3, it can provide protection for equipments.  
三级电涌保护器LPZ2和LPZ3之间的保护。

		BR255-10	BR150-10	BR75-10	BR30-10
SPD according to EN 61643-11 / ... IEC 61643-1		Type3/Class III	Type3/Class III	Type3/Class III	Type3/Class III
Norminal a.c. voltage	Un	230V	120V	60V	24V
Max. continuous operating a.c. voltage	Uc	275V	150V	75V	30V
Max. continuous operating d.c. voltage	Uc			100V	38V
Nominal discharge current (8/20 μs)	In	5kA	5kA	5kA	5kA
Combined impulse	Uoc	10kV	10kV	10kV	10kV
Voltage protection level [L-N]	Up	≤ 1100V	≤ 650V	≤ 450V	≤ 200 V
Voltage protection level [L/N-PE]	Up	≤ 1100V	≤ 800V	≤ 700V	≤ 600 V
Response time [L-N]	tA	≤ 25ns	≤ 25ns	≤ 25ns	≤ 25 ns
Response time [L/N-PE]	tA	≤ 100ns	≤ 100ns	≤ 100ns	≤ 100 ns
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.)		2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>	2.5mm <sup>2</sup>
Cross-section area (Max.)		15mm <sup>2</sup>	15mm <sup>2</sup>	15mm <sup>2</sup>	15mm <sup>2</sup>
For mounting on		35mm Din rail	35mm Din rail	35mm Din rail	35mm Din rail
Enclosure materail		Thermalplastic UL94-V0			
Degree of protection		IP20	IP20	IP20	IP20
Order Code		B8604	B8603	B8602	B8600