

BY4 Series Surge Protective Device



BY4-60/4-385



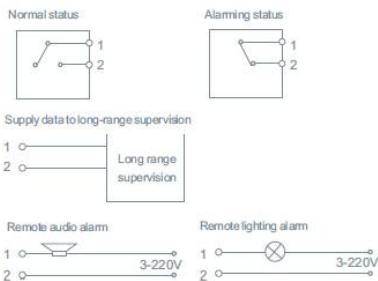
BY4-100/4-385

Introduction

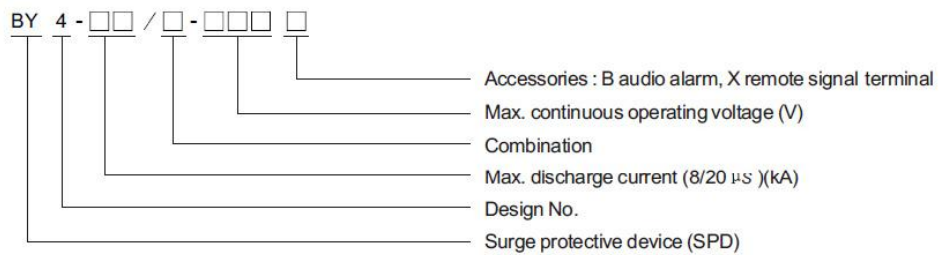
BY4 series products have a good discharge capacity, its max. discharge current can be 60~100kA of single module. This series is suitable for protection level B (Class 1) of low voltage power system. You can select different combination wiring methods according to different power supply system.

- Energy - rich voltage dependent resistor, nanosecond level speed of response;
 - Capacity of overheated and surge protection;
 - Visual display instruction¹⁾ and remote signal terminal²⁾;
- 1) A visual display on the protector about its operation;
 - 2) A terminal effecting the long-distance monitor the operation of the protector, outside connecting lines needed;
- Convenient to be pulled or inserted, possible to remove failed module;
 - DIN rail 35mm installation

Wiring diagram of remote signal terminal



Denominated indication



Performance parameters

Type	BY4-60	BY4-80	BY4-100
	Limiting type	Limiting type	Limiting type
Max. continuous operating voltage ¹⁾ U _c (V)	385	385	385
Nominal discharge current I _n 8/20 μs(kA)	30	40	50
Max. load current I _{max} 8/20 μs(kA)	60	80	100
Voltage protection level U _p (kV)	2.0	2.5	3.0
Fuse	63	100	125
Functional indication	Green window: functional; red window: failed		
Remote signal contacts	A NO contact		
Wiring capacity	1.5~35mm ²		
Dimension	90 × 27 × 62		
House material	Complied with UL94V-0		
House protection level	IP20		
Installation method	35mm DIN rail		

Note1): Max. Continuous operating voltage optional: 275V, 320V, 385V, 420V, 485V and 550V .

Dimension

Circuit Diagram

