

BY7 Series Surge Protective Device



BY7-10/2-275

BY7-40/4-385

BY7-60/4-385

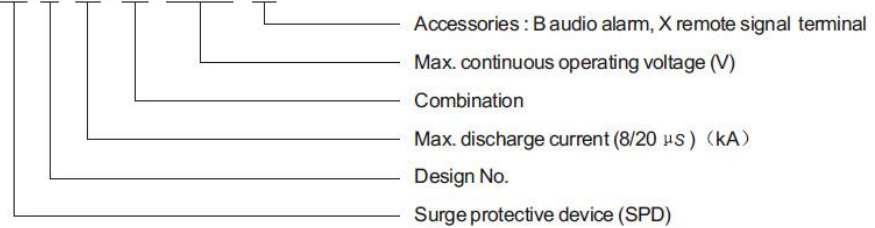
Introduction

BY7 series products have a good discharge capacity. This series is suitable for protection level - C (Class 2) and level-D (Class 3) 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

Denominated indication

BY 7 - □ / □ - □ □ - □

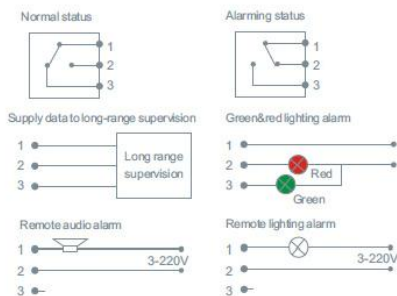


Performance parameters

Type	BY7-60	BY7-40	BY7-20
	Limiting type	Limiting type	Limiting type
Max. continuous operating voltage ¹⁾ U _c (V)	385	320	320
Nominal discharge current I _n 8/20 μs (kA)	30	20	10
Max. load current I _{max} 8/20 μs (kA)	60	40	20
Voltage protection level U _p (kV)	2.0	1.8	1.5
Fuse	32	20	20
Functional indication	Green window: functional; red window: failed		
Remote signal contacts	A couple of NO, NC contacts		
Audio alarm	Optional		
Wiring capacity	1.5~35mm ²		
Dimension	See drawing		
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 .

Wiring diagram of remote signal terminal



Dimension

Circuit Diagram

