

BY10, 10T, 20, 40 Series Surge Protective Device



BY10-40/2-320



BY20-40/4-275



BY40-40/4-420

Introduction

BY10, BY10T, BY20, and BY40 series products have a good discharge capacity, its max. discharge current can be 20~40kA of single module. 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⁾;

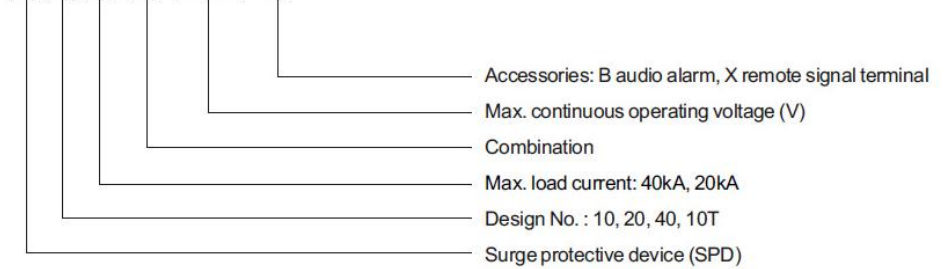
1) A visual display on the protector about its operation;

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

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Performance parameters

Type	BY40	BY20	BY10
	Limiting type	Limiting type	Limiting type
Max. continuous operating voltage ¹⁾ Uc (V)	385	320	420
Nominal discharge current In 8/20 μs (kA)	20	20	20
Max. load current Imax 8/20 μs (kA)	40	40	40
Voltage protection level Up (kV)	1.8	1.5	1.8
Fuse	32A	32A	32A
Functional indication	Green window: functional; red window: failed		
Remote signal contacts	A couple of NO, NC contacts		
Wiring capacity	1.5~35mm ²		
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.



BY10T-40/3+1-385



BY20-40/2-440



BY40-40/2-420