

Type 2 surge protective device



LY1-B80



LY1-B100

Product overview

This series surge protective device suits for 50/60HZ, 380V and below TT, IT, TN-S, TN-C-S etc. Power supply system, could be used as equipotential bonding connection between LPZ1, LPZ2 and LPZ3. Applied to IEC61643-1, GB18802.1 standard, installed in 35mm DIN rail. There has failure disengagement device built in. When surge protective device over heat, over current, or breakdown failure, failure disengagement will separate from power grid automatically, at the same time window viewer color will turn from Green(normal) to Red(fault).

Features

1. Maximum tolerance to lightning current impulse is up to 200kA(8/20 μ s);
3. Action response time is less than 25ns;
3. Visible window uses colors to show operating status, white (normal), red (fault).

Specifications

Model	LY1-B80	LY1-B100	LY1-B120
Rated operating voltage Un(V)	220/380		
Max continuous operating voltage Uc(V)	420		
Nominal discharge current In(kA)	40	60	80
Max discharge current I _{max} (kA)	80	100	120
Voltage protection level Up(kV)	≤2.2	≤2.5	≤2.5
Response time (ns)	<25		
Min. sectional area of incoming wire L/N (mm ²)	4		
Min. sectional area of incoming ground wire PE(mm ²)	6		
Fuse or circuit breaker selection (A)	63		
Installation	35mm standard DIN Rail		
Shell material	UL94-VO flame retardant plastic		

Outline dimensions

