

Power Surge Protective Box

Part No.

LDY-20C/Y
LDY-40B+C/Y

Main Features

- ☆ Convenient wiring, standard connection components.
- ☆ Built-in temperature control and circuit breaking technology, high security performance.
- ☆ Green light on indicates normal, off indicates broken, clear and easy distinguished.
- ☆ Function of lightning count, capable of storage and display of lightning frequency.
- ☆ Display status of normal on and off.
- ☆ Totally-enclosed metal shell, good shielding effectiveness, free maintenance.

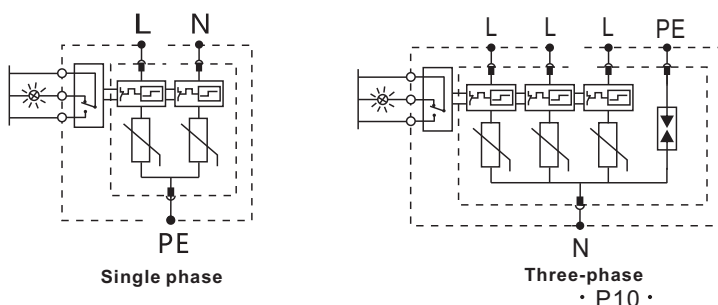
Application Range

These series are applied to equipotential bonding of the low voltage main or distribution boxes in the building, providing protection against the overvoltage arising from the lightning strike to power supply or misoperation.
(option from standard IEC61643-1)

Main Technical Data

Part No.	LDY-20C/Y3C	LDY-20C/Y5C	LDY-40B+C/Y3C	LDY-40B+C/Y5C
	LDY-20C/Y3CS	LDY-20C/Y5CS	LDY-40B+C/Y3CS	LDY-40B+C/Y5CS
P.O	610 001 610 003	610 002 610 004	610 005 610 007	610 006 610 008
Rated working voltage Ue V	220V	380V	220V	380V
Max continuous working voltage Uc V	385		385	
Voltage protection level Up V	<2.5		<3.0	
Nominal discharge current In(8/20)	20kA		40kA	
Max discharge current Imax(8/20)	40kA		80kA	
Reserve protection breaker	40A/2P	40A/4P	63A/2P	63A/4P
Protection principle	2P	3P+NPE	2P	3P+NPE
Response time ns	<25			
Leakage current 75% Uc 1mA	<20μA			
Enclosure material	Aluminum alloy			
Cross-sectional area of earth lead	≥10mm ² Multi-Strand Flexible Wire			
Counter starting current	≥400A			
Count range	0-99			

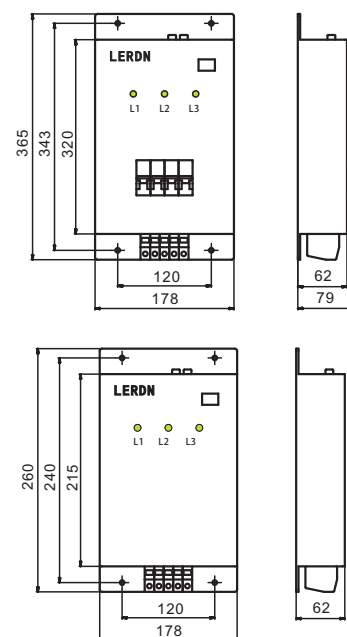
Schematic Diagram



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