

Part No. LDY-40B+C

Main Features

- ☆ Provide protection for power class B and class C simultaneously.
- ☆ Unnecessary to consider load current, plug & play design, live wire replacement, easy maintenance.
- ☆ Built-in temperature control and circuit breaking technology, high security performance.
- ☆ Green light on indicates normal, red light on indicates broken, and need be replaced, clear and easy distinguished.
- ☆ Optional telesignalisation monitoring interface, can realize remote monitoring.
- ☆ Function of lightning protection backup, Half of protection ability is available when either red light on.
- ☆ Assembled combination modules such as 1P+N, 2P, 3P+N, 4P, etc., applied to various electric network system.

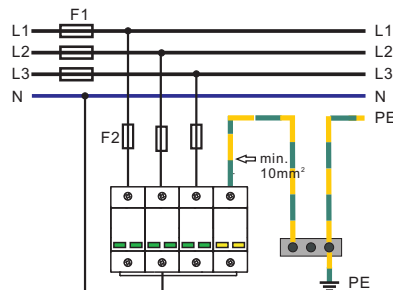
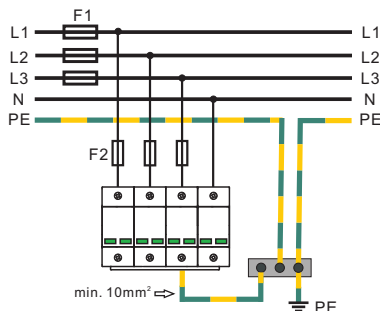
Application Range

LDY-40B+C series are applied to equipotential bonding of the building low voltage main distribution boxes, providing protection against the overvoltage arising from lightning strike to the power class B & C or misoperation.
(option from IEC61643-1).

Main Technical Data

Type	LDY-40B+C			LDY-100/G (N-PE)		
Maximum Continuous Operating Voltage $U_c \sim V$	275	385	690	255		
Voltage Protection Level Up kV	<2.2	<2.4	<3.0	<1.2		
Voltage Limiting Ures(at 5kA) kV	<1.0	<1.2	<2.0	<0.3		
Normalinl Discharge Current (8/20μs)kA	40			40		
Maximum Discharge Current(8/20μs)kA	80			100		
Impulsive Discharge Current Iimp(10/350) KA	1.5			10		
Housing Material	Flame-retardant Reinforced Nylon(UL 94V-0)					
Response Time ns	<25					
Recommended Grounding Conductor Cross-Sectional Area	16mm ² Multi-Strand Flexible Wire					
Combination Mode	1P	2P	3P	4P	1P+NPE	3P+NPE
P.O(U_c :385V)	603 043	603 044	603 045	603 046	603 047	603 049
Maximum Strength of Back-up Protection Fuse	125 A gL					

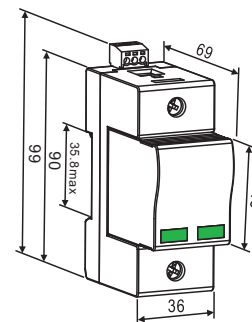
Wiring Diagram



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