

LERDN®

SPD for Power Class D

Part No. LDY-10D

Main Features

- ☆ 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.
- ☆ Assembled combination modules such as 1P+N, 2P, 3P+N, 4P, etc., applied to various electric network system.

Application Range

LDY-10D series are applied to equipotential bonding of the building terminal distribution boxes, providing protection against the overvoltage arising from lightning strike to the power class D or misoperation.
(option from IEC61643-1).

Main Technical Data

Type	LDY-10D			LDY-65/G (N-PE)		
Maximum Continuous Operating Voltage $U_c \sim V$	48	275	385	255		
Voltage Protection Level Up kV	<0.6	<1.3	<1.5	<1.2		
Voltage Limiting Ures(at 5kA) kV	<0.4	<1.0	<1.3	<0.3		
Normal Discharge Current (8/20μs)kA	10			25		
Maximum Discharge Current(8/20μs)kA	20			65		
Open circuit voltage Uoc KV	20			—		
Housing Material	Flame-retardant Reinforced Nylon(UL 94V-0)					
Recommended Grounding Conductor Cross-Sectional Area	10mm ² Multi-Strand Flexible Wire					
Combination Mode	1P	2P	3P	4P	1P+NPE	3P+NPE
P.O	601 057	601 058	601 059	601 060	601 061	601 063
Maximum Strength of Back-up Protection Fuse	50AgL					

Appearance and installation dimension

