

LERDN[®]

SPD for Power Class C

Part No. LDY-20C

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

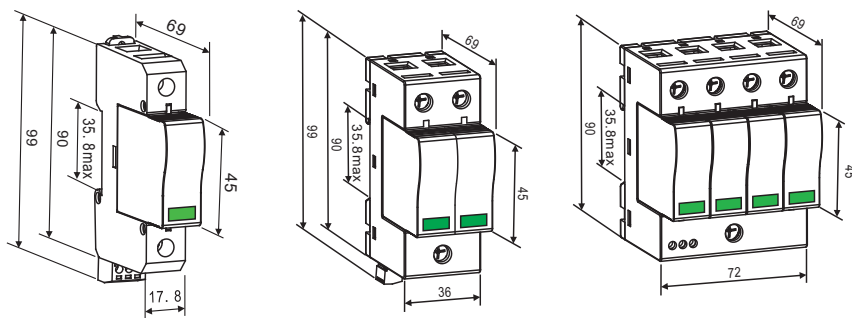
LDY-20C series are applied to equipotential bonding of the building low voltage distribution boxes, providing protection against the overvoltage arising from lightning strike to the power class C or misoperation.

(option from IEC61643-1).

Main Technical Data

Type	LDY-20C				LDY-65/G (N-PE)	
Maximum Continuous Operating Voltage $U_c \sim V$	75	275	385	690	255	
Voltage Protection Level Up kV	<0.8	<1.5	<1.8	<2.7	<1.2	
Voltage Limiting U_{res} (at 5kA) kV	<0.4	<1.0	<1.3	<2.0	<0.3	
Normalin Discharge Current (8/20μs)kA	20				25	
Maximum Discharge Current(8/20μs)kA	40				65	
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	602 057	602 058	602 059	602 060	602 061	602 063
Maximum Strength of Back-up Protection Fuse	80 AgL					

Appearance and installation dimension

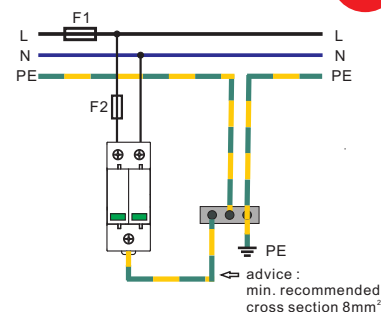


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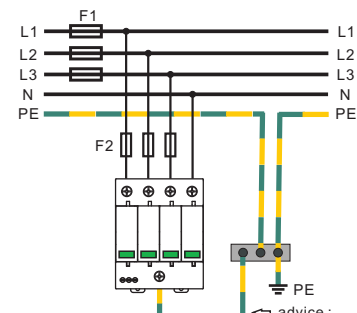
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2



LDY-20C/2P



LDY-20C/4P

3

