

LERDN®

Monitoring Integration SPD

Part No. LDY-XA230BC Series

Main Features

- ☆ Modularization, DIN rail design, convenient for installation and replacement.
- ☆ Built-in temperature control and circuit breaking technology and multi-protection technology, strong protection ability, high reliability.
- ☆ Green light on in notice window indicates power normal, off indicates broken, clear and easy distinguished.
- ☆ Function of multi-protection: power, video signal, control signal, RJ45.
- ☆ Build-in 4mm² elevating earthing terminal, more reliable earthing.

Application Range

LDY-XA230BC series triad Integration SPD are applied to surge protection of power, control signal, BNC video signal or RJ45 Ethernet, with characteristics of low clamping voltage, quick response, etc. which can release and prevent the damage to the protected device arising from inductive surge from power power and control wire or the other surge overvoltage. They are widely used in the field of security monitoring system, "Global E-eye" system of telecom, dataroom and so on. (option from standard IEC 61643-1, IEC61643-21)

Main Technical Data

Part No.	AC(A)	DC(D)	Control signal(C)	BNC	
Rated working voltage Ue V	230～	24—	12	12	
Max continuous working voltage Uc V	320～	36—	18	18	
Voltage protection level Up V	Line to Line	—	—	<80	<80
	Line to earth	<1400	<500	<750	<750
Nominal discharge current In(8/20) kA	5	2.5	5	5	
Max discharge current Imax (8/20) kA	10	5	—	—	
Connection mode	Wiring terminal	Wiring terminal	Wiring terminal	BNC	
Transmission rate Vs	—	—	2M	16M	
Insertion loss dB	—	—	≤0.5		
Enclosure material	Enhanced flame retardant nylon (UL94V-0)				
Cross-sectional area of earth lead	3mm ² multistranded / flexible				

Function Description

Part No.	Protection items			P.O
	Power	Video signal	Control signal	
LDY-XA230BC/3A	230VAC	✓	✓	801 022
LDY-XA230BC/2A	230VAC	✓	○	801 023
LDY-XA230BC/3D	24VDC	✓	✓	801 024
LDY-XA230BC/2D	24VDC	✓	○	801 025

✓ : have this function

○ : do not have this function

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