



**Features**

- Recommendation of JISC5381-21
- Max. discharge current: 8/20 $\mu$ s-5,000A (Category C2)  
10/350 $\mu$ s-1,000A (Category D1)
- Available for Hi-speed Lan (1000BASE-T) of Cat 5e
- Available for DIN rail installation
- Easy to connect to the earth with DIN rail

**Applications**

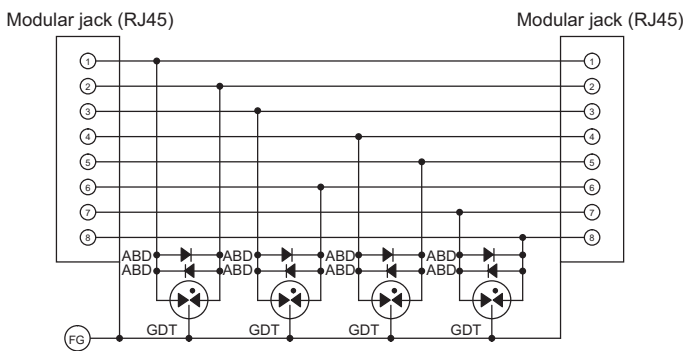
- Road traffic and related equipment
- Outdoor display
- Surveillance camera
- Office building etc. Protection of each LAN line



**Electrical Specifications**

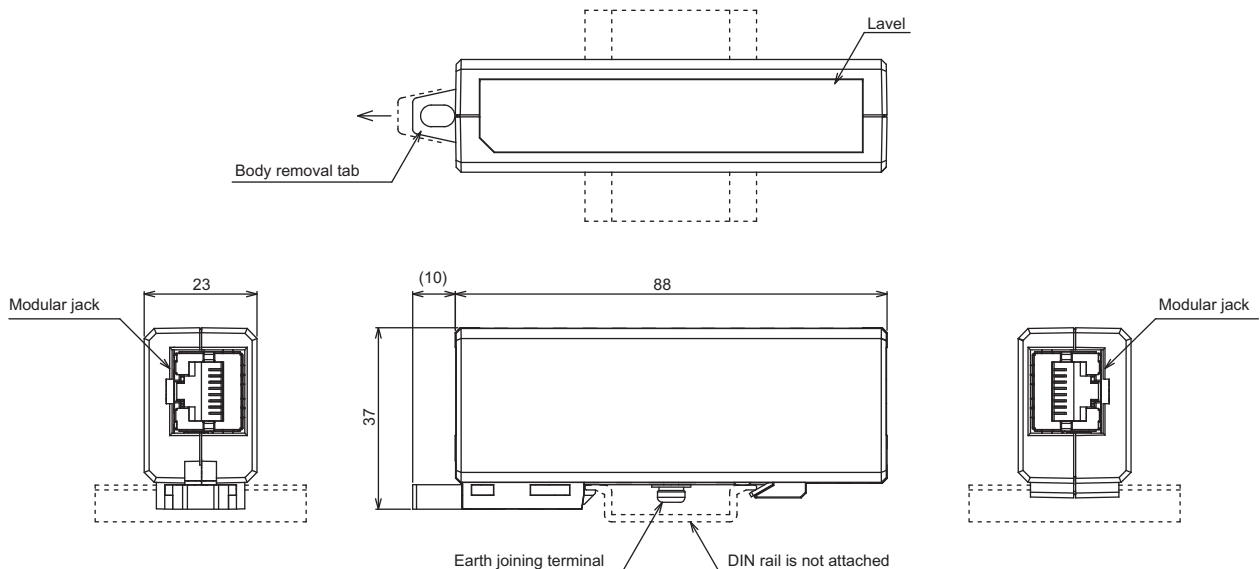
Model Name	RLAN-1000POE5K-D
Application	10BASE-T/100BASE-Tx 1000BASE-T PoE (Power over Ethernet)
Max. Continuous Operating Voltage	DC60V
Rated Voltage	500mA
Impulse Durability	8/20 $\mu$ s-5,000A 10 times (category C2) 10/350 $\mu$ s-1,000A 2 times (category D1)
Voltage Protection Level	$\leq$ 500V (Line - Ground)
Insertion Loss	DC~100MHz $\geq$ 1.0dB
Near-end Crosstalk	DC~100MHz $\leq$ 32.3dB
Return Loss	DC~100MHz $\geq$ 12.1dB

**Circuit**



ABD : Avalanche Breakdown Diode  
GDT : Gas Discharge Tube  
FG : Frame Ground

**Dimensions**



Unit: mm