Features

- Recommendation of JISC5381-21
- Max. discharge current: 8/20μs-5,000A (Category C2)
  10/350μs-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

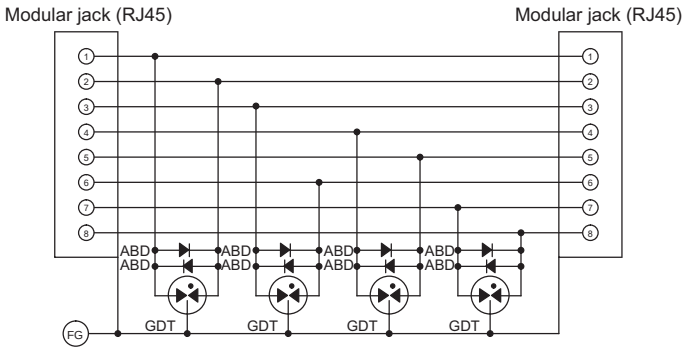
Applications

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

Electrical Specifications

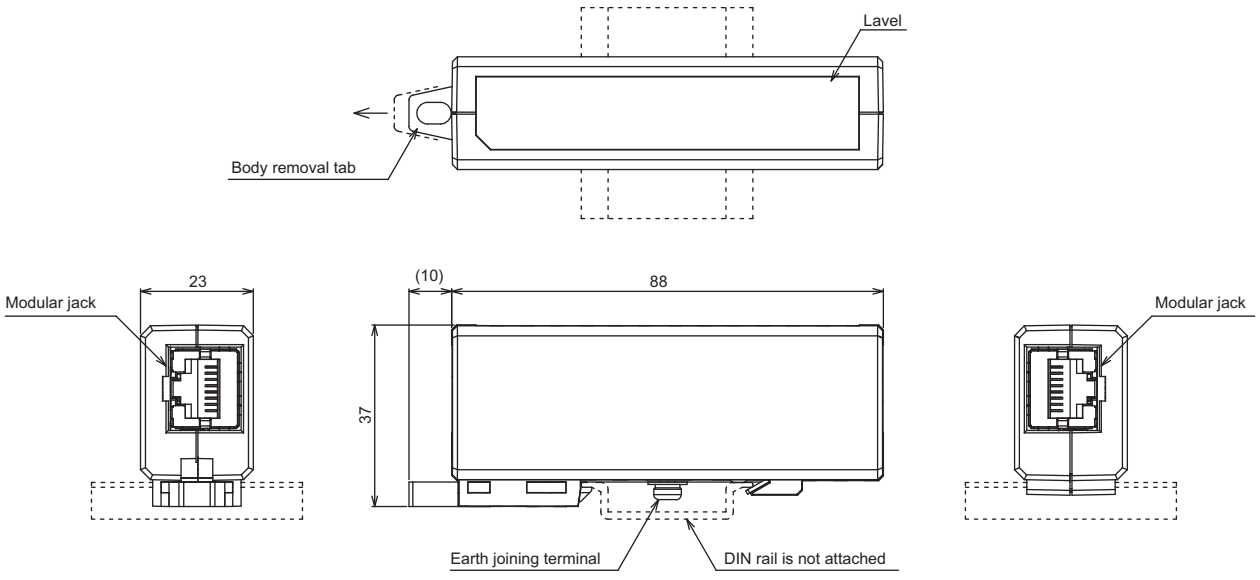
Model Name	RLAN-1000POE5K-D
Application	10BASE-T100BASE-Tx 1000BASE-T PoE (Power over Ethernet)
Max. Continuous Operating Voltage	DC60V
Rated Voltage	500mA
Impulse Durabillity	8/20μs-5,000A 10 times (category C2) 10/350μs-1,000A 2 times (category D1)
Voltage Protection Level	≤ 500V (Line - Ground)
Insertion Loss	DC~100MHz ≥1.0dB
Near-end Crosstalk	DC~100MHz ≤32.3dB
Return Loss	DC~100MHz ≥12.1dB

- *Circuit*



ABD : *Avalanche Breakdown Diode*
GDT : *Gas Dischage Tube*
FG : *Frame Ground*

- *Dimensions*



Unit: mm

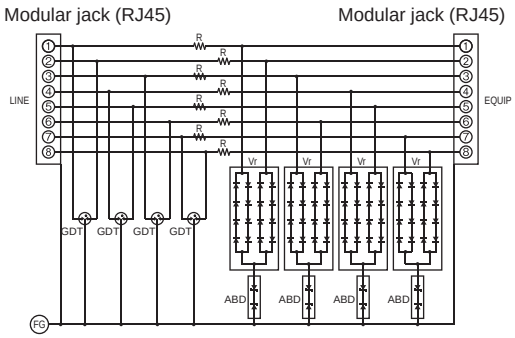
Features

- Recommendation of JISC5381-21
- Compling with land, Infrastracture and Trasportation Ministry
- Max. discharge current:
  8/20μs-5,000A (Category C2)
  10/350μs-2,500A (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

- *Circuit*

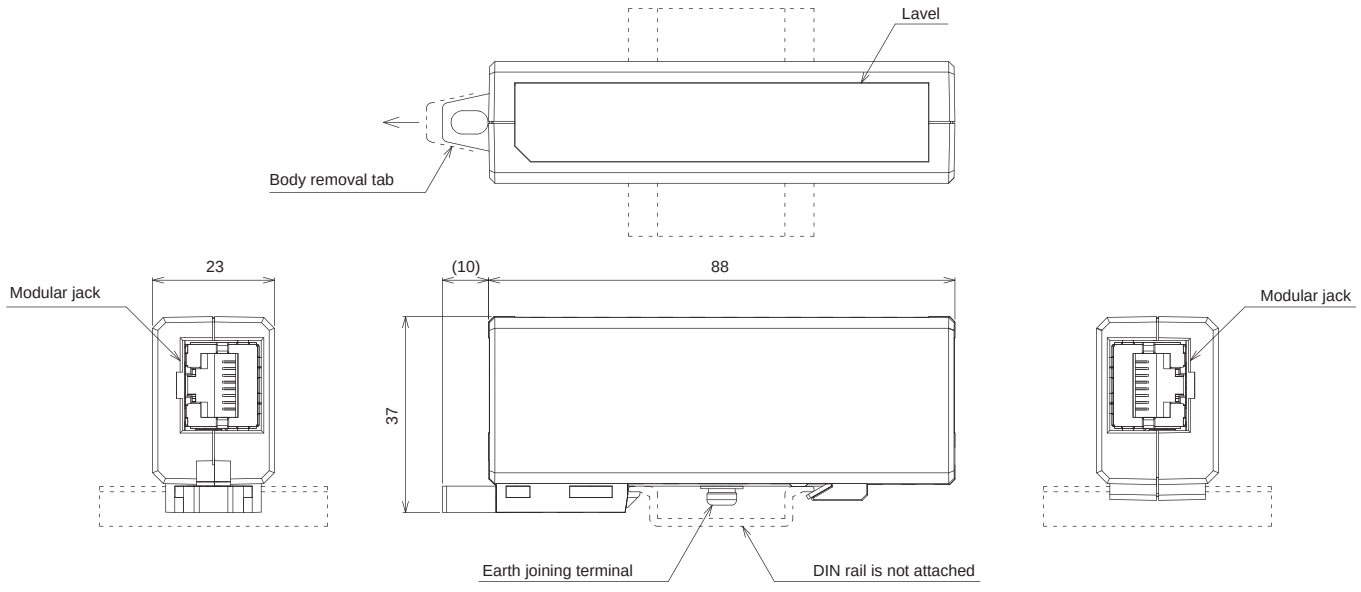


R : *Resistor*
Vr : *Varistor*
ABD : *Avalanche Breakdown Diode*
GDT : *Gas Dischage Tube*
FG : *Frame Ground*

Electrical Specifications

Model Name	RLAN2-1000POE5K-D
Application	10BASE-T100BASE-Tx 1000BASE-T PoE (Power over Ethernet)/PoE Plus
Max. Continuous Operating Voltage	DC60V
Rated Current	500mA
Impulse Durability	8/20μs-5,000A 10 times (category C2) 10/350μs-2,500A 2 times (category D1)
Voltage Protection Level	≥ 250V (Line - Ground)
Insertion Loss	DC~100MHz ≥1.0dB
Near-end Crosstalk	DC~100MHz ≤32.3dB
Return Loss	DC~100MHz ≤12.1dB

- *Dimensions*



Unit: mm