

LED LIGHTING SURGE PROTECTION DEVICE

General Description

PL270AC-E5LC is a surge protection device dedicated with LED Lighting application, especially for AC direct driving LED Lighting modules. It designed by our ultra low clamping technology to guarantee the safety of your device.

Features

- ◆ L-N Protection
- ◆ LED Lighting Application
- ◆ Failure Indicator
- ◆ IEC 61000-4-5
- ◆ IEC 61643-11



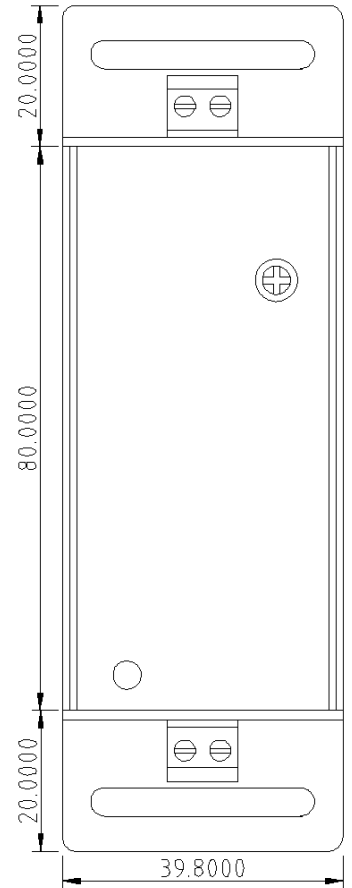
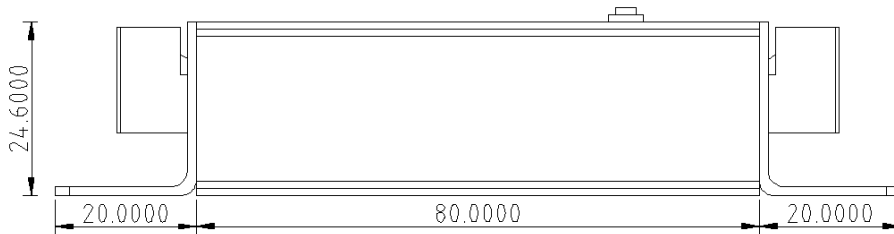
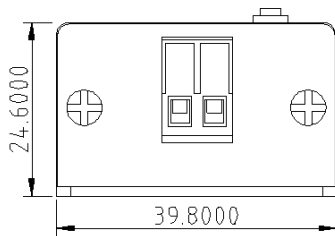
Fig.1 Connection Configuration

Electrical Characteristics

Parameter	Symbol	Value	Units
Nominal Discharge Current (8/20us)	I_N	5	KA
Maximum Operation AC Voltage	-	270	VAC
Maximum Operation DC Voltage	-	380	VDC
L-N Protection Level	U_{PLN}	400	V
Max Discharge Current	I_{MAX}	10	KA
Response Time	-	10	ns
Operation Temperature	T_j	-40~85	°C

DEVICE OUTLINE

Unit : mm



Revision History	Modification Description
Rev.1.0	Initial Release