

AC SURGE PROTECTION DEVICE

General Description

PL310AC-20 is a surge protection device to provide AC Power Line surge protection. It designed by MOV/GDT network to guarantee the safety of your device.

Features

- ◆ L-N Protection
- ◆ L/N-PE Protection
- ◆ AC Power Line Application
- ◆ IEC 61643-11
- ◆ IEC 61000-4-5

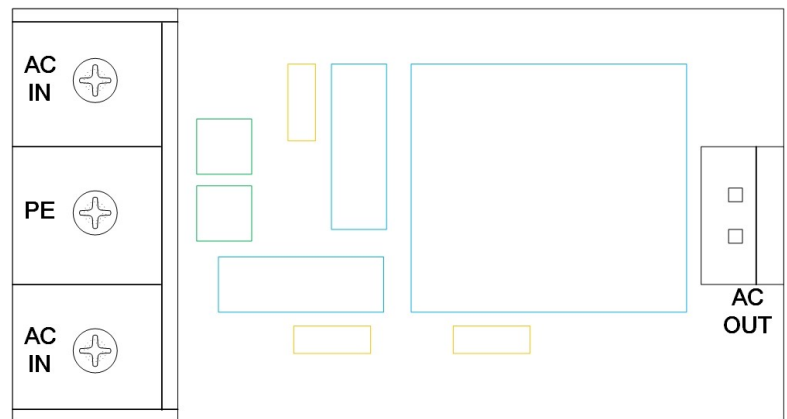


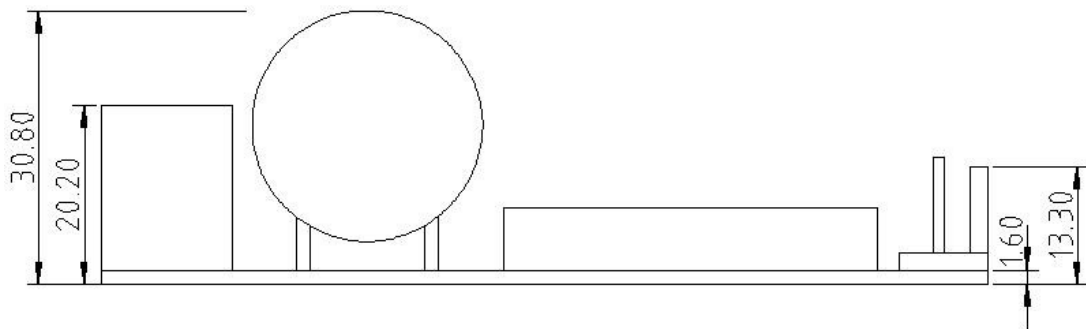
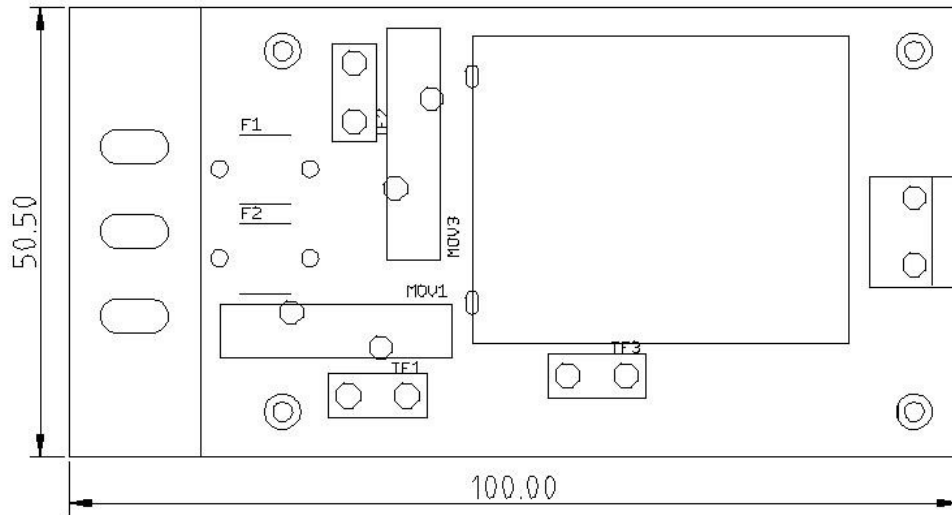
Fig.1 Connection Configuration

Electrical Characteristics

Parameter	Symbol	Value	Units
Nominal Discharge Current (8/20us)	I_N	20	KA
Maximum Operation AC Voltage	-	310	VAC
Maximum Operation DC Voltage	-	400	VDC
L-N Protection Level	U_{PLN}	1.5	KV
L/N-PE Protection Level	U_{PE}	2.5	KV
Max Discharge Current	I_{MAX}	30	KA
Response Time	-	10	ns
Operation Temperature	T_j	-40~85	°C

DEVICE OUTLINE

Unit : mm



Revision History	Modification Description
Rev.1.00	Initial Release