DATA LINE SURGE PROTECTORS

DESCRIPTION

MARSA data line surge protectors, DLPa series are designed specifically to protect data and signal interface equipments from the dangers of Malaysian Extreme Lightning Surges.

Application

Fire alarm panel, security alarm system, rail and transit signalling system, boom gate/card access system, sound system, radar system, and etc

Standard of compliance

- ITU-T (CCITT) IX K17, K20, K21, K44
- MS IEC 61643-21

Reference Standard

- IEEE C62.41
- BS 6651

Features and Benefits

- ✓ Efficiently clamps surge voltages with minimal distortion
- ✓ Featuring multistage transient protection

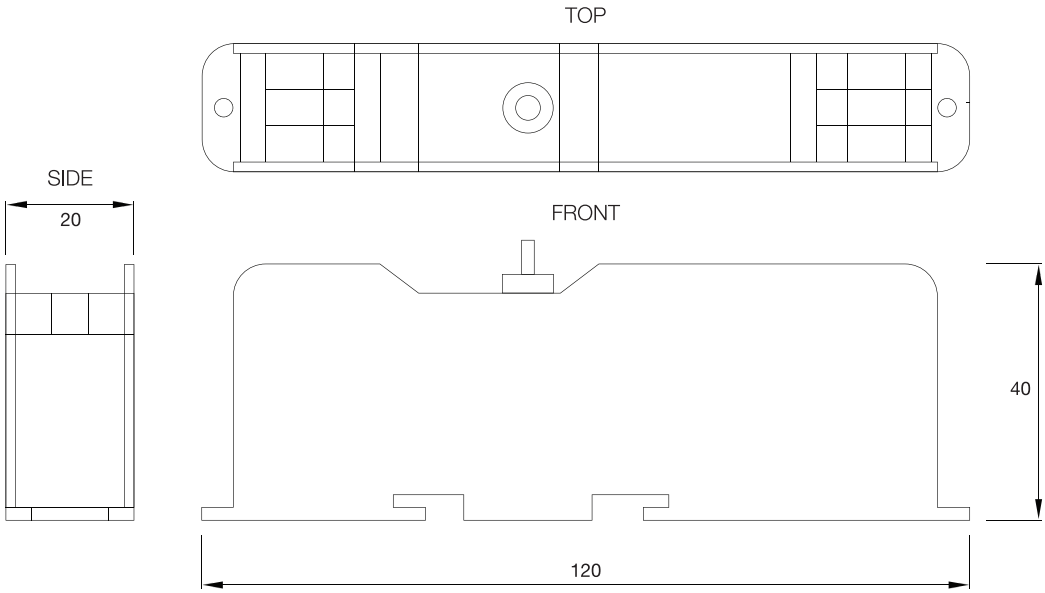
SELECTION GUIDE

DLPa Series

DLPa - XX

Nominal Voltage

DIMENSION



** Dimension (mm)*

ELECTRICAL SPECIFICATION

	DLPA-6	DLPA-12	DLPA-24	DLPA-30	DLPA-50	DLPA-PSTN	DLPA-180
PROTECTION MODE	COMMON / DIFFERENTIAL						
CONNECTION TYPE	SERIES						
OVERHEAT PROTECTION	MULTISTAGE						
NOMINAL VOLTAGE (Un)	6V	12V	24V	30V	50V	PSTN	180V
MAX WORKING VOLTAGE (Uc)	6.8V	14V	26V	35V	87V	PSTN	220V
MAX OPERATING CURRENT	2A						
MAX DATA RATE	2Mbit/s	2Mbit/s	8Mbit/s	8Mbit/s	34Mbit/s	34Mbit/s	34Mbit/s
BANDWIDTH AT -3dB	3MHz	3MHz	12MHz	12MHz	50MHz	50MHz	50MHz
IN LINE RESISTANCE	1ohm						
MAX DISCHARGE CURRENT	20kA						
LET THROUGH VOLTAGE							
4kV(10/700us)	29V	42V	45V	76V	100V	125V	200V

MECHANICAL SPECIFICATION

	DLPA-6	DLPA-12	DLPA-24	DLPA-30	DLPA-50	DLPA-PSTN	DLPA-180
WORKING TEMPERATURE	-40 ~ 80℃						
WORKING HUMIDITY	0-90%						
CASE MATERIAL	ABS PLASTIC						
CONDUCTOR SIZE	2.5mm2						
WEIGHT	80g						
Standard of Compliance	ITU-T(CCITT) IX K17,K20,K21,K44 IEEE C62.31,MSIEC 61643-21						