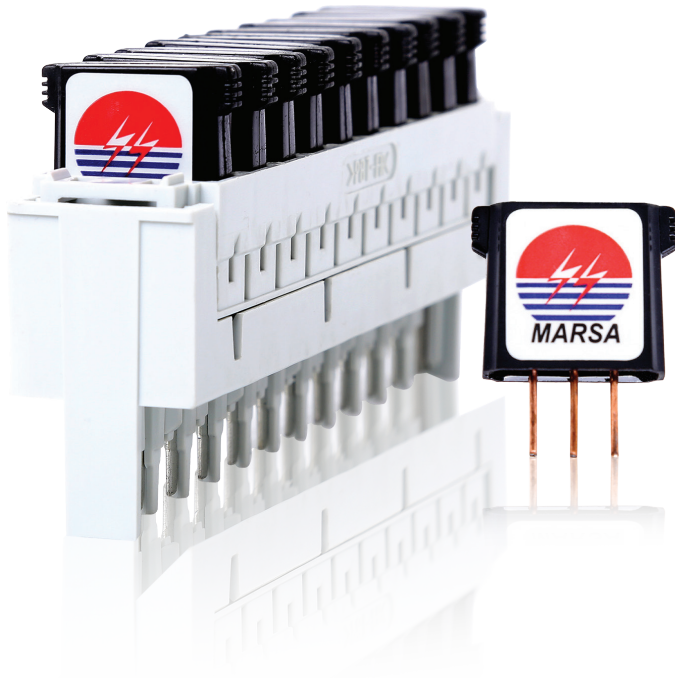




## NETWORK • TELECOMMUNICATION

### TELEPHONE LINE SURGE PROTECTORS



#### DESCRIPTION

MARSA Telephone line surge protectors, TLSP2 series are designed specifically to provide protection at the subscriber distribution frame from the dangers of Malaysian Extreme Lightning Surges entering the telecommunication system in the facility.

#### Features and Benefits

- ✓ Thyristor based
- ✓ Easy maintenance and replaceable

#### Standard of compliance

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

#### Reference Standard

- IEEE C62.31
- BS 6651

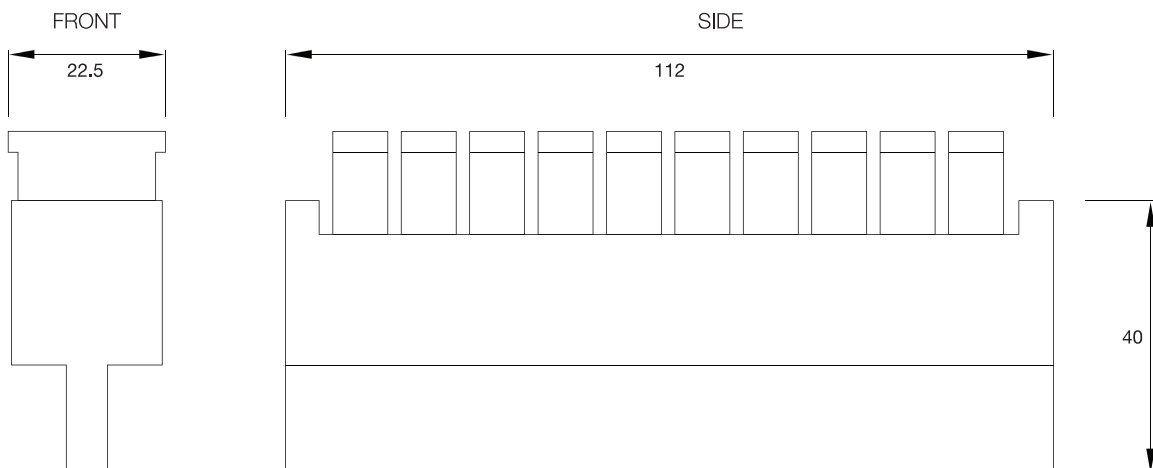
#### SELECTION GUIDE

TLSP Series

TLSP2-XX

Number Of Units

#### DIMENSION



**ELECTRICAL SPECIFICATION**

	TLSP2-01	TLSP2-10
PAIR	1	10
PROTECTION MODE	COMMON / DIFFERENTIAL MODE	
CONNECTION TYPE	PARALLEL	
PROTECTION STAGE	SINGLE STAGE	
NOMINAL VOLTAGE	280V	
MAX WORKING VOLTAGE	290v	
MAX DATA RATE	8Mbit/s	
BANDWIDTH AT -3dB	20 MHz	
CAPACITANCE at 1kHz	90pF	
MAX DISCHARGE CURRENT	10kA	
LET THROUGH VOLTAGE	86V	
4kV(10/700)		

**MECHANICAL SPECIFICATION**

	TLSP2-01	TLSP2-10
WORKING TEMPERATURE	-40 ~ 80°C	
WORKING HUMIDITY	0-90%	
CASE MATERIAL	ABS PLASTIC	
WEIGHT	2g	80g
Standard of Compliance	ITU-T(CCITT) IX K17,K20,K21,K44 IEEE C62.31, MSIEC 61643-21	