

SIGNAL AND DATA LINE PROTECTOR

DESCRIPTION

MARSA Signal and Data Line Protector for standard current / low current (SC/LC) provides protection for data and signal interface equipment from effect of lightning surges. The devices protect all electrical and electronic equipment connected through signal and data cables.

Features and Benefits

- Efficiently clamps the surge voltages with minimal distortion.
- Featuring multistage transient protection.
- Complete with indicator (optional).
- Available for 4 pair lines.

Selection Guide

SIGNAL AND DATA LINE PROTECTION (SC/LC)



Series A

Series B



Series C

Application

- Fire and burglar alarms system.
- Industrial monitor and control equipment.
- Rail and transit signaling system.
- Supervisory Data and Acquisition (SCADA).

SPECIFICATION

ITU-T (CCITT) IX K17, K20, K21, K44
MS IEC61643-1,
MS IEC61643-12,



SPECIFICATION

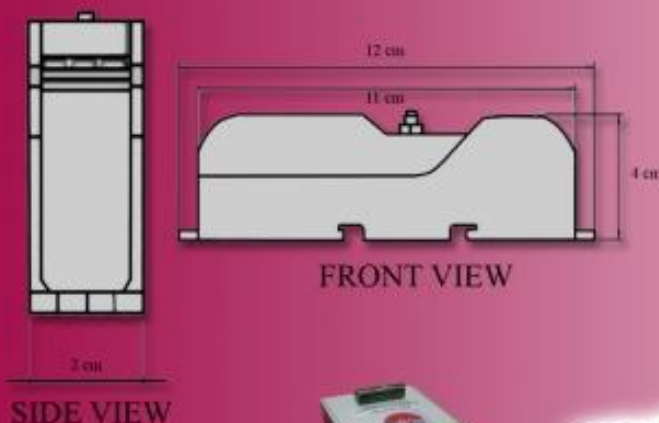
Signal and Data Line Protection (SC/LC)

SPECIFICATION	DLP (a) MODEL
Description	Multistage Data Line Protector
Protection Mode	Common/Differential
Connection type	Series
Protection Stage	Multistage Protection
Max Working Current, I_L	2A
Working Humidity	0-90%
Max Discharge Surge Current (8/20 μ s), I_{max}	20KA
In-line resistance range	1 Ω , 10 Ω
Connector Type	Screw Terminal
Conductor Size	2.5mm ²
Weight	80g

References Standard
 ITU-T (CCITT) IX K17, K20, K21, K44
 MS IEC61643-1
 MS IEC61643-12.

SPECIFICATION	DLP a-6	DLP a-12	DLP a-24	DLP a-30	DLP a-50	DLP a-PSTN	DLP a-180
Nominal Voltage, (U_n)	6V	12V	24V	30V	50V	PSTN	180V
Max working voltage (U_c)	6.8V	14V	26V	35V	87V	PSTN	220V
Let Through Voltage, (U_p)	29V	42V	45V	76V	100V	125V	200V
Max Digital Performance	2Mbit/s	2Mbit/s	8Mbit/s	8Mbit/s	34Mbit/s	34Mbit/s	34Mbit/s
Max Analog Performance	3MHz	3MHz	12MHz	12MHz	50MHz	50MHz	50MHz

DIMENSION



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