

# i- Smart Surge Protector



## Description

i-Smart Surge Protector is a series of surge protectors that provide high level of protection for electronic system against lightning surges and other form of surges.

## Features and Benefits

- Suitable for internal electronic equipment .
- Small,compact and easy installation.
- Required small space for installation.
- Capable to diverting discharge current up to 15 kA.
- Built-in with status indicator.

## Application

Designed to protect electrical appliances power supply (internally) in TV, Washing Machine ,LED lighting driver,Air Conditioner and ect from surges.

## Selection Guide

i-Smart Surge Protector

i-SSP 1- XX → Model Number



i-Smart Surge Protector

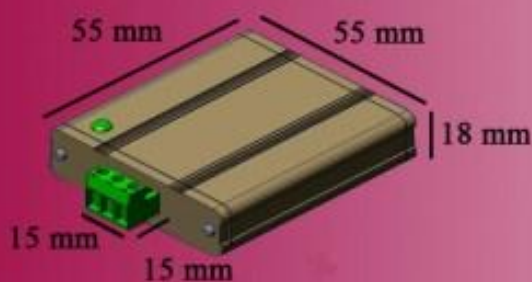
## REFERENCE STANDARDS

- MS IEC 61643-1
- MS IEC 61643-12
- IEEE C 62.41
- BS 6651



**SPECIFICATION****i-Smart Surge Protector**

Description	i-Smart Surge Protector (i-SSP)
Protection Mode	Full Mode (L-N,L-E,N-E)
Connection type	Parallel
Nominal Voltage, ( $U_n$ )	240 Vac
Max Working Voltage, ( $U_c$ )	275 Vac
Max Load Current	13 A
Working Frequency	40-60 Hz
Working Temperature	-40°C up to 80°C
Working Humidity	0-90 %
Max Discharge Surge Current 8/20 $\mu$ s ( $I_{max}$ )	15kA
Let Through Voltage, ( $U_p$ ) 2kV 1.2/50 $\mu$ s open circuit voltage 1kA 8/20 $\mu$ s short circuit current	300 V
Standard of references	MS IEC 61643-1,MS IEC 61643-12, IEEE C62.41, BS 6651
Weight	50 g

**DIMENSION**

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