

CONNECTED  
switch gear®

*We will turn you on®*

# FUSION

## Series



Circuit Protection  
Surge Protectors

TRUSTED

★  
★  
★  
**5**  
★  
★  
★  
YEAR  
WARRANTY  
IN HOUSE

Data Specification 2018

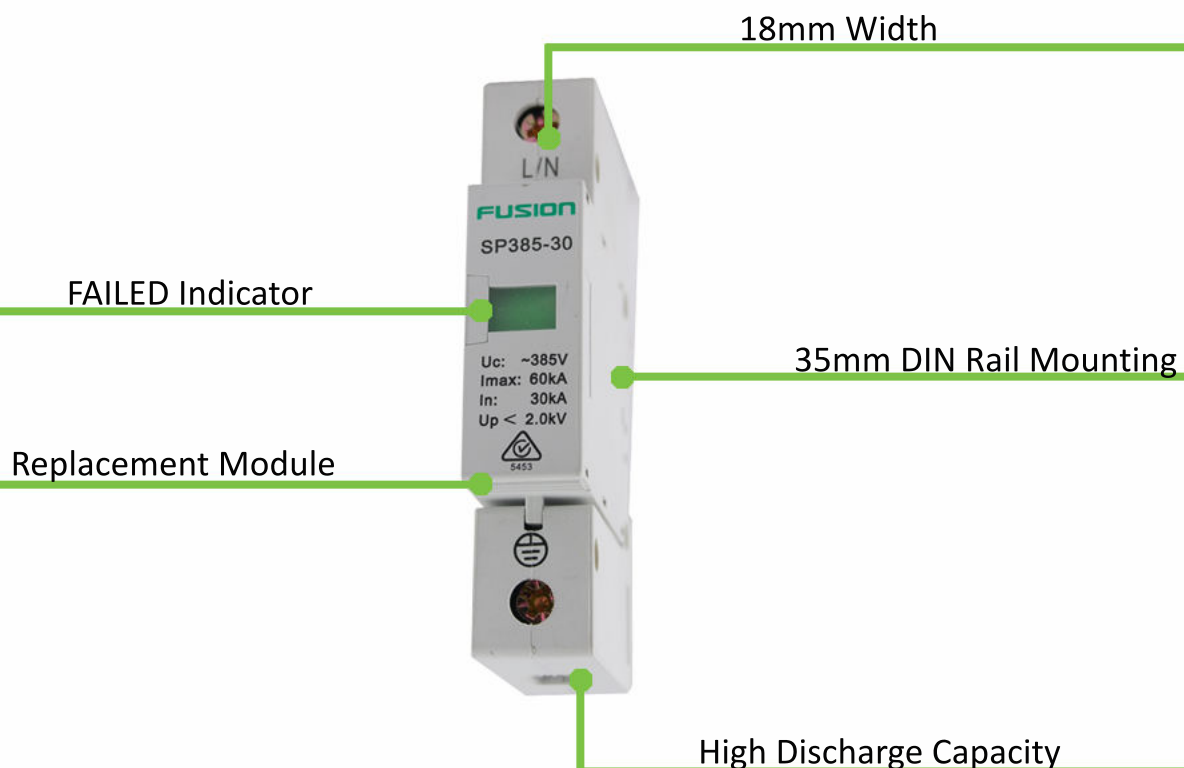
1300 071 378

## Description

The FUSION Series range of surge protectors have been designed to comply with IEC61643.1 and are made from the highest grade components to ensure reliability in all applications where protection against lightning strikes and power surges is required. The features and design of these surge protectors makes them the perfect compliment to ensure your home is protected. They have a high discharge capacity and are able to detect surges in nanoseconds. Replacement insert modules are also available.

## Features

- FAILED Indicator
- 18mm Width
- 35mm DIN Rail Mounting
- High Discharge Capacity



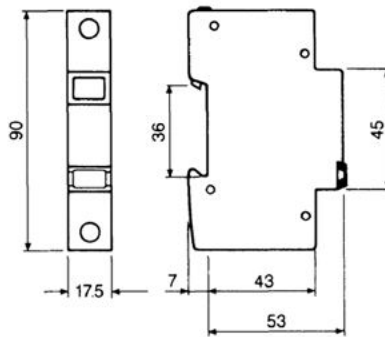
## Technical Parameters

- Rated Voltage: 320V/385V AC
- Rated Frequency 50Hz / 60Hz
- Complies with IEC61643

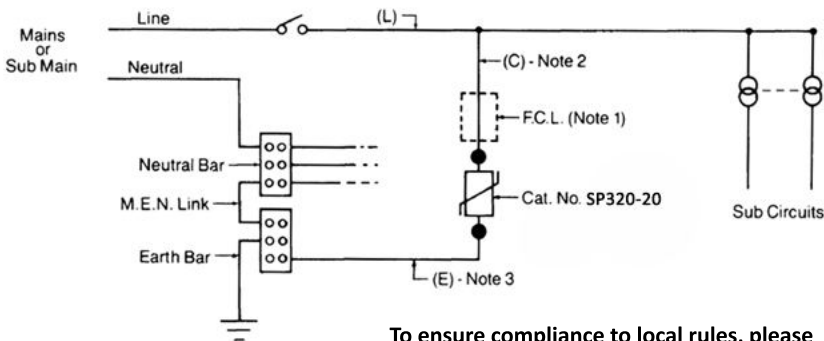
## Specifications

Product Code	Description	Poles	Voltage (V)	Amperage (kA)
SP320-20	Surge Protector	1	320V	20kA
SP385-30	Surge Protector	1	385V	30kA
SPM320-20	Replacement Insert Module	-	320V	20kA
SPM385-30	Replacement Insert Module	-	385V	30kA

## Measurements



## Wiring Diagram



To ensure compliance to local rules, please consult local service rules

Input - Phase or Neutral

Output - Connect to Earth



### Notes:

1. Where the Main or Submain's Fault Current Limiter exceeds 100A, an additional F.C.L must be used as shown above (e.g:equal to or less than a 100A HRC Fuse to AS2005)
2. If the Main or Submain Cable (L) exceeds 25mm<sup>2</sup> cable (C) must not be less than 16mm<sup>2</sup>. In all other cases, cable (C) should be at least 6mm<sup>2</sup>.
3. Wire (E) must not be less than 6mm<sup>2</sup>.
4. Where outbuildings are to be supplied from the main board containing the SP Surge Protector, the outbuilding will require its own protection, however SP Surge Protector will be required to protect both Line and Neutral. (In the main building the M.E.N. connection protects the Neutral wire)