

# Product data sheet

Specifications

SQUARE D



Surge protection module,  
Surgelogic, MA, 120kA, 600Y/347  
VAC, 3 phase, 3 wire, SPD type 2

MA8IMA12

Product availability: Stock - Normally stocked in distribution  
facility

! Discontinued

## Main

|                    |                         |
|--------------------|-------------------------|
| Product            | Surge protection module |
| Range              | Surgelogic              |
| Device Short Name  | IMA                     |
| Accessory Category | Replacement part        |

## Complementary

|                           |                                   |
|---------------------------|-----------------------------------|
| Voltage Rating            | 600Y/347 V AC                     |
| MCOV                      | 420 V                             |
| SCCR                      | 200 kA                            |
| Surge Current             | 120 kA per phase                  |
| Nominal Discharge Current | 20 kA                             |
| Number of Phases          | 3 phase                           |
| Wiring Configuration      | 3-wire                            |
| Connection                | Terminals                         |
| Local Signalling          | Status LED green normal operation |
| Provided Equipment        | Alarm enable/disable switch       |
| Mounting Support          | Panel mounting                    |
| Height                    | 6.3 in (158.8 mm)                 |
| Width                     | 3.3 in (82.8 mm)                  |
| Depth                     | 2.7 in (68.3 mm)                  |

## Environment

|                    |                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------|
| Ambient Operating  | 149 °F (65 °C)                                                                                           |
| Enclosure Rating   | NEMA 2                                                                                                   |
| Enclosure Material | Black Plastic                                                                                            |
| Standards          | UL 1449:ed. 4<br>UL 1283:ed. 5<br>CSA C22.2 No 8:1986<br>ANSI/IEEE C62.41<br>ANSI/IEEE C62.45<br>NEC 285 |

## Ordering and shipping details

|          |              |
|----------|--------------|
| Category | US1DE1B08467 |
|----------|--------------|

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                   |              |
|-------------------|--------------|
| Discount Schedule | DE1B         |
| GTIN              | 785901293002 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                        |                       |
|------------------------|-----------------------|
| Unit Type of Package 1 | PCE                   |
| Nbr. of units in pkg.  | 1                     |
| Package 1 Height       | 5.300 in (13.462 cm)  |
| Package 1 Width        | 7.800 in (19.812 cm)  |
| Package 1 Length       | 11.200 in (28.448 cm) |
| Package weight(Lbs)    | 30.719 oz (870.897 g) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                                                                                                                                                                                                                          |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                                         |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions                                                                                                                                                                                                                                                                   |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| California proposition 65              | WARNING: This product can expose you to chemicals including: lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture |    |
|--------------------------|----|
| Take-back                | No |