

# Product data sheet

Specifications

SQUARE D



Surge Protective device,  
SurgeLogic, 100kA, 120/240V 1  
phase 3 wire, UL Type 1, UL 1283  
Components, NEMA 1

EMA11

Product availability: Non-Stock - Not normally stocked in  
distribution facility

## Main

|                   |                         |
|-------------------|-------------------------|
| Product           | Surge protection device |
| Range             | SurgeLogic              |
| Device Short Name | EMA                     |

## Complementary

|                           |   |
|---------------------------|---|
| Voltage Rating            | 120/240 V AC  |
| MCOV                      | 150 V   |
| Operating Frequency Range | 47...63 Hz  |
| SCCR                      | 200 kA  |
| Surge Current             | 100 kA  |
| EMI/RFI Noise Attenuation | -42 dB  |
| Voltage Protection Rating | 600 V N - G<br>700 V L-N<br>700 V L - G<br>1000 V L - L                       |
| Nominal Discharge Current | 20 kA   |
| Repetitive Impulse Rating | 20 kA   |
| Number of Phases          | 1 phase   |
| Wiring Configuration      | 3-wire  |
| Connection                | Lugs terminal AWG 10...AWG 2<br>Terminals                                     |
| Local Signalling          | Status LED green per phase normal operation<br>Status LED red per phase fault |
| Provided Equipment        | Alarm enable/disable switch<br>Surge counter<br>Dry contacts                  |
| Device Mounting           | Surface<br>Flush fixing kit   |
| Height                    | 11.4 in (290 mm)  |
| Width                     | 8.2 in (208 mm)   |
| Depth                     | 5.3 in (135 mm)   |
| Weight                    | 22.9 lb(US) (10.4 kg)   |

## Environment

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

|                            |   |
|----------------------------|---|
| <b>Ambient Operating</b>   | -4...149 °F (-20...65 °C)                     |
| <b>Storage Temperature</b> | -40...149 °F (-40...65 °C)                    |
| <b>Operating Altitude</b>  | 0...12000 ft                                  |
| <b>Operating Humidity</b>  | 0...95 %                                      |
| <b>Standards</b>           | UL 1449:ed. 5<br>CSA C22.2 No 269.2<br>UL 96A |

## Ordering and shipping details

|                          |              |
|--------------------------|--------------|
| <b>Category</b>          | US1DE1B08464 |
| <b>Discount Schedule</b> | DE1B         |
| <b>GTIN</b>              | 047569000225 |
| <b>Returnability</b>     | No           |
| <b>Country of origin</b> | MX           |

## Packing Units

|                               |                          |
|-------------------------------|--------------------------|
| <b>Unit Type of Package 1</b> | PCE                      |
| <b>Nbr. of units in pkg.</b>  | 1                        |
| <b>Package 1 Height</b>       | 5.98 in (15.2 cm)        |
| <b>Package 1 Width</b>        | 13.50 in (34.3 cm)       |
| <b>Package 1 Length</b>       | 12.01 in (30.5 cm)       |
| <b>Package weight(Lbs)</b>    | 15.906 lb(US) (7.215 kg) |

## 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

|  <b>Materials and Substances</b> |  |
|---|--|
| Packaging made with recycled cardboard  | No   |
| Packaging without single use plastic  | Yes  |
| EU RoHS Directive   | Not compliant  |
| California proposition 65   | <b>WARNING:</b> 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 Again

|  <b>Repack and remanufacture</b> |    |
|---|----|
| Take-back   | No |