

# Product data sheet

Specifications



Surge protection device,  
Surlogic, 240kA, 208Y/120  
VAC, 3 phase, 4 wire, NEMA 4X,  
disconnect switch

SSP02EMA24SD

Product availability: Stock - Normally stocked in distribution facility

## Main

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

## Complementary

|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Voltage Rating            | 208Y/120 V AC                                                                                                                   |
| MCOV                      | 150 V                                                                                                                           |
| SCCR                      | 200 kA                                                                                                                          |
| Surge Current             | 240 kA                                                                                                                          |
| Nominal Discharge Current | 20 kA                                                                                                                           |
| Rated Current             | 150 A                                                                                                                           |
| Number of Phases          | 3 phase                                                                                                                         |
| Max Number of Poles       | 3                                                                                                                               |
| Wiring Configuration      | 4-wire                                                                                                                          |
| Connection                | Lugs AWG 10...AWG 3/0 copper 35.4 lbf.in (4 N.m)                                                                                |
| 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>Switch-disconnector with integrated switch for off/on/automatic<br>Dry contacts |
| Cable length              | 19.02 in (483 mm)                                                                                                               |
| Device Mounting           | Surface                                                                                                                         |
| Height                    | 22.7 in (575.8 mm)                                                                                                              |
| Width                     | 11.7 in (297.2 mm)                                                                                                              |
| Depth                     | 9.4 in (238.8 mm)                                                                                                               |

## Environment

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Ambient Operating  | 149 °F (65 °C)                                   |
| Enclosure Rating   | NEMA 4X                                          |
| Enclosure Material | Stainless Steel                                  |
| Standards          | CSA C22.2 No 8<br>UL 1449:ed. 4<br>UL 1283:ed. 5 |

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

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US1DE1B08464 |
| Discount Schedule | DE1B         |
| GTIN              | 785901691518 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                        |                           |
|------------------------|---------------------------|
| Unit Type of Package 1 | PCE                       |
| Nbr. of units in pkg.  | 1                         |
| Package 1 Height       | 22.7 in (57.6 cm)         |
| Package 1 Width        | 11.7 in (29.7 cm)         |
| Package 1 Length       | 9.4 in (23.9 cm)          |
| Package weight(Lbs)    | 45.199 lb(US) (20.502 kg) |

## 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 >](#)



### Environmental footprint

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 1 114 kg CO2 eq.                              |
| Carbon footprint of the manufacturing phase [A1 to A3] | 229 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 3 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 846 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 37 kg CO2 eq.                                 |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                                 |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                                                                                                                                                                                              |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                             |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                          |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</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="#">www.P65Warnings.ca.gov</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Recyclability potential, in % | 69                                      |
| Circularity Profile           | <a href="#">End of Life Information</a> |
| Take-back                     | No                                      |