# Product data sheet

Specifications



## Surge protection device, Surgelogic, HL, 120kA, 208Y/120 VAC, 3 phase, 4 wire, SPD type 1

HL2IMA12C1

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Product** | Surge protection device |
| **Range** | Surgelogic |
| **Device Short Name** | IMA |
| **Type** | HL |

## Complementary

| | |
|---|---|
| **Voltage Rating** | 208Y/120 V AC |
| **MCOV** | 150 V |
| **SCCR** | 200 kA |
| **Surge Current** | 120 kA |
| **Rated Current** | 60 A |
| **Breaking Capacity** | 50 kA |
| **Number of Phases** | 3 phase |
| **Max Number of Poles** | 3 |
| **Wiring Configuration** | 4-wire |
| **Connection** | I-Line line<br>Lugs ground AWG 6 copper 35.4 lbf.in (4 N.m)<br>Lugs neutral AWG 6 copper 35.4 lbf.in (4 N.m) |
| **Trip Unit Technology** | Thermal-magnetic |
| **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>Circuit-breaker |
| **Cable length** | 19.02 in (483 mm) |
| **Mounting Support** | Panel mounting |
| **Height** | 12.2 in (308.9 mm) |
| **Width** | 13.5 in (341.9 mm) |
| **Depth** | 5.6 in (142.1 mm) |

## Environment

| | |
|---|---|
| **Enclosure Rating** | NEMA 1 |

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

| | |
|---|---|
| **Standards** | UL 1449:ed. 3<br>CSA C22.2 No 8:1986<br>UL 96A:ed. 12<br>UL 489:ed. 11<br>CSA C22.2 No 5-09 |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1DE1B08460 |
| **Discount Schedule** | DE1B |
| **GTIN** | 785901068990 |
| **Returnability** | Yes |
| **Country of origin** | MX |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 9.00 in (22.86 cm) |
| **Package 1 Width** | 16.00 in (40.64 cm) |
| **Package 1 Length** | 17.50 in (44.45 cm) |
| **Package weight(Lbs)** | 22.141 lb(US) (10.043 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 | **977 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **112 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **1 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] | **18 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| 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 www.P65Warnings.ca.gov** |

## Use Longer

### Lifetime extension

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

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **69** |
| Circularity Profile | End of Life Information |
| Take-back | **No** |