Product data sheet

Specifications



Surge protection device, Surgelogic, HL, 160kA, 480Y/277 VAC, 3 phase, 4 wire, SPD type 1

HL4IMA16C1

Product availability: Stock - Normally stocked in distribution facility

Main

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

Complementary

Voltage Rating	480Y/277 V AC
MCOV	320 V
SCCR	200 kA
Surge Current	160 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 Lugs ground AWG 6 copper 35.4 lbf.in (4 N.m) 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 Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Surge counter 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 CSA C22.2 No 8:1986 UL 96A:ed. 12 UL 489:ed. 11 CSA C22.2 No 5-09

Ordering and shipping details

Category	US1DE1B08460
Discount Schedule	DE1B
GTIN	785901072140
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	10.000 in (25.400 cm)
Package 1 Width	16.000 in (40.640 cm)
Package 1 Length	17.500 in (44.450 cm)
Package weight(Lbs)	21.239 lb(US) (9.634 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	**972 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**107 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]	**17 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**