Product data sheet

Specifications

SQUARE D

Surge Protect - IMA - HL - 160kA - 120/240VAC - 1P3W - T1

HL1IMA16C1

Main

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

Complementary

Voltage Rating	120/240 V AC
Mcov	150 V
Sccr	200 kA
Surge Current	160 kA
Rated Current	60 A
Breaking Capacity	50 kA
Number Of Phases	1 phase
Max Number Of Poles	3
Wiring Configuration	3-wire
Connection	I-Line line Lugs ground AWG 6 copper 35.40 lbf.in (4 N.m) Lugs neutral AWG 6 copper 35.40 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	12.16 in (308.9 mm)
Width	13.46 in (341.9 mm)
Depth	5.59 in (142.1 mm)

Environment

Enclosure Rating	NEMA 1

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	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 1 Weight	22.14 lb(US) (10.043 kg)

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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Eu Rohs Directive   Compliant

EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information

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