

Product data sheet

Specifications



Surge protection device,
Surgelogic, HR, 120kA, 600Y/347
VAC, 3 phase, 4 wire, SPD type 1

HR8IMA12C1

Product availability: Stock - Normally stocked in distribution facility

Main

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

Complementary

Voltage Rating	600Y/347 V AC
MCOV	420 V
SCCR	200 kA
Surge Current	120 kA
Rated Current	60 A
Breaking Capacity	100 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	Electronic
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
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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
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Ordering and shipping details

Category	US1DE1B08460
Discount Schedule	DE1B
GTIN	785901074182
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	17.50 in (44.45 cm)
Package 1 Width	16.00 in (40.64 cm)
Package 1 Length	9.200 in (23.368 cm)
Package weight(Lbs)	20.0004 lb(US) (9.072 kg)

Contractual warranty

Warranty (in months)	18
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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	964 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	101 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]	845 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	16 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
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Use Again



Repack and remanufacture

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