

Product data sheet

Specifications



Surge protection device, Surgebreaker Canadian, secondary surge arrester

CHOM2175SB

! Discontinued

! Discontinued on: Feb 28, 2025

! To be end-of-service on: Mar 31, 2028

**Product availability: Non-Stock - Not normally stocked in
distribution facility**

Main

Product	Surge protection device
Range	Surge Breaker Homeline

Complementary

Voltage Rating	120/240 V AC
MCOV	150 V 300 V
SCCR	22 kA
Surge Current	22.5 kA
Rated Current	5 kA
Number of Phases	1 phase
Wiring Configuration	3-wire
Local Signalling	1 LED green normal operation
Product destination	Load center
Height	3.7 in (94.0 mm)
Width	2 in (50.8 mm)
Depth	2.6 in (66.04 mm)

Environment

Ambient Operating	149 °F (65 °C)
Enclosure Rating	NEMA 1

Ordering and shipping details

Category	US1DE1B08461
Discount Schedule	DE1B
GTIN	785901854562
Returnability	No

Packing Units

Unit Type of Package 1	PCE
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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

Nbr. of units in pkg.	1
Package 1 Height	2.00 in (5.08 cm)
Package 1 Width	2.700 in (6.858 cm)
Package 1 Length	6.200 in (15.748 cm)
Package weight(Lbs)	12.96 oz (367.41 g)

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	2 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.1 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No

Image of product / Alternate images

Alternative

Technical Benefits

Surge Breaker



3 year/\$10,000
connected equipment
warranty



Protects against
overloads and
short-circuits



The current capacity
that this circuit breaker
is able to interrupt
before breaking is 10kA



Compatible with QO
electrical panels and
CSEDs with 2 spaces



For residential/
commercial use to
protect entire branch
circuits



22.5 kA surge
current capacity for
QO electrical panels

