Product data sheet

Specifications



Surge protection device, Surgebreaker, 25kA, 120/240 VAC, 1 phase, 3 wire, SPD type 1

QO2175SB

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Surge protection device
Range	Surge Breaker QO

Complementary

Voltage Rating	120/240 V AC
MCOV	150 V 300 V
SCCR	100 kA
Joule Rating	900 J
Surge Current	25 kA
Voltage Protection Rating	700 V L-N 1500 V L-L
Nominal Discharge Current	10 kA
Response Time	< 50 ns
Protection Type	Thermal fuse
Power Consumption per Phase	500 mW
Number of Phases	1 phase
Wiring Configuration	3-wire
Local Signalling	1 LED green normal operation
Product destination	Load center QO
Height	3.7 in (94.0 mm)
Width	1.5 in (38.1 mm)
Depth	2.6 in (66.04 mm)

Environment

Ambient Operating	-4…149 °F (-20…65 °C)
Enclosure Rating	NEMA 2
Standards	UL 1449 CSA C22.2
Certifications	cULus

Ordering and shipping details

Category	US1DE1B08461

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

Discount Schedule	DE1B
GTIN	785901210894
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.600 in (4.064 cm)
Package 1 Width	3.000 in (7.620 cm)
Package 1 Length	5.400 in (13.716 cm)
Package weight(Lbs)	6.080 oz (172.365 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	3.5 in (9.0 cm)
Package 2 Width	7.008 in (17.8 cm)
Package 2 Length	7.008 in (17.8 cm)
Package 2 Weight	22.6 oz (639.6 g)
Unit Type of Package 3	CAR
Number of Units in Package 3	20
Package 3 Height	5.800 in (14.732 cm)
Package 3 Width	6.600 in (16.764 cm)
Package 3 Length	16.700 in (42.418 cm)
Package 3 Weight	13.380 lb(US) (6.069 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	**250 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]	**247 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
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 %	**39**
Take-back	**No**

Technical Illustration

Dimensions

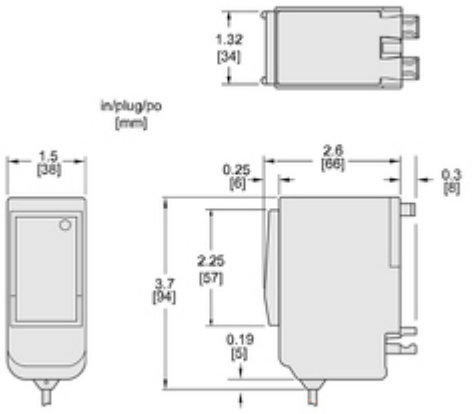

Image of product / Alternate images

Alternative

