

# Product data sheet

Specifications

SQUARE D



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
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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.

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	CAR
Number of Units in Package 2	20
Package 2 Height	5.800 in (14.732 cm)
Package 2 Width	6.600 in (16.764 cm)
Package 2 Length	16.700 in (42.418 cm)
Package 2 Weight	13.380 lb(US) (6.069 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	2240
Package 3 Height	45.000 in (114.300 cm)
Package 3 Width	40.000 in (101.600 cm)
Package 3 Length	48.000 in (121.920 cm)
Package 3 Weight	1500.800 lb(US) (680.751 kg)

## Contractual warranty

Warranty	18 months
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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

Carbon footprint (kg CO2 eq, Total Life cycle)	250
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>
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 <a href="#">www.P65Warnings.ca.gov</a>

### Use Again

#### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
Take-back	No

## Technical Illustration

## Dimensions

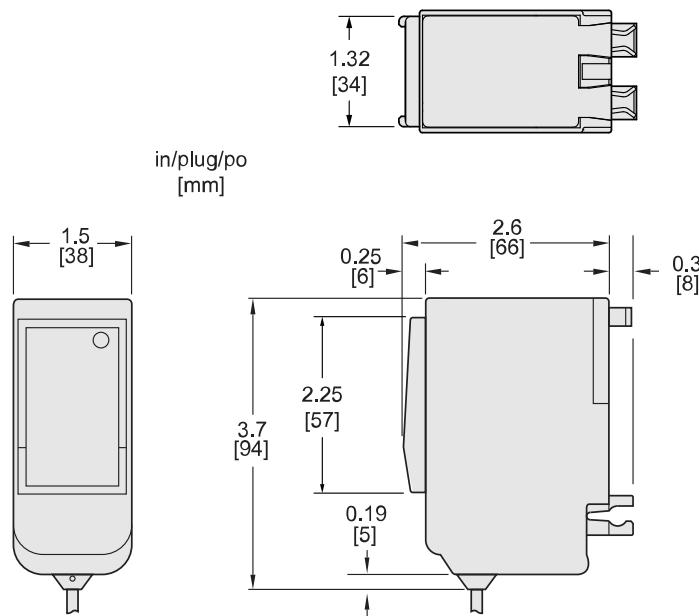


Image of product / Alternate images

## Alternative

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### Technical Benefits

#### Surge Breaker



3 year/\$10,000 connected equipment warranty



Protects against overloads and short-circuits



22.5 kA surge current capacity for QO electrical panels



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



Quickly identify tripped breakers with our Visi-Trip indicator



Compatible with QO electrical panels and CSEDs with 2 spaces