Product data sheet

Specifications

Safety switch, heavy duty, fusible, 600A, 600 VAC/VDC, 4 poles, 500hp, NEMA 1

CH466

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

Main

Product	Single Throw Safety Switch
Disconnect Type	Fusible disconnect
Number of Poles	3
Electrical Connection	Lugs
Duty Rating	Heavy duty

Complementary

Line Rated Current	600 A
Factory Installed Neutral	None
Mounting Type	Surface
Voltage Rating	600 V AC/DC
Standard Motor Power Rating	150 hp at 480 V AC 50-60 Hz for 2 phases motors 400 hp at 480 V AC 50-60 Hz for 2 phases motors 200 hp at 600 V AC 50-60 Hz for 2 phases motors 500 hp at 600 V AC 50-60 Hz for 2 phases motors 50 hp at 250 V DC 50 hp at 600 V DC
Wire Size	AWG 3/0...500 kcmil copper or aluminium
Tightening torque	375 lbf.in (42.4 N.m) (AWG 3/0...500 kcmil)
Height	50.31 in (1277.87 mm)
Width	27.88 in (708.15 mm)
Depth	10.13 in (257.30 mm)

Environment

Certifications	CSA
Enclosure Rating	NEMA 1 galvannealed steel

Ordering and shipping details

Category	US10DE100153
Discount Schedule	0DE1
GTIN	785901181859
Returnability	No

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

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

Carbon footprint (kg CO2 eq, Total Life cycle)	**2586**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
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**
Halogen content performance	**Halogen free plastic parts product**
PVC free	**Yes**

Use Again

Repack and remanufacture

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