

Product data sheet

Specifications



Safety switch, heavy duty, fusible,
600A, 600VAC/VDC, 3 poles,
500HP, NEMA 3R, neutral

CH366NR

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	Neutral (factory installed)
Mounting Type	Surface
Voltage Rating	600 V AC/DC
Standard Motor Power Rating	200 hp at 600 V AC 50/60 Hz for 3 phase motors 150 hp at 480 V AC 50/60 Hz for 3 phase motors 75 hp at 240 V AC 50/60 Hz for 3 phase motors 50 hp at 600 V DC 50 hp at 250 V DC
Max Motor Power Rating	500 hp at 600 V AC 50/60 Hz for 3 phase motors 400 hp at 480 V AC 50/60 Hz for 3 phase motors 200 hp at 240 V AC 50/60 Hz for 3 phase motors
Wire Size	AWG 3/0...500 kcmil copper or aluminium
Tightening torque	375 lbf.in (42.4 N.m) 0.13...0.4 in ² (85.01...253.0 mm ²) (AWG 3/0...500 kcmil)
Service Entrance	Suitable service entrance for Canada
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 3R galvanized steel

Ordering and shipping details

Category	US10DE100153
Discount Schedule	0DE1
GTIN	3606486289068
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

Country of origin	MX
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	50.3 in (127.8 cm)
Package 1 Width	27.9 in (70.8 cm)
Package 1 Length	10.1 in (25.7 cm)
Package weight(Lbs)	200.001 lb(US) (90.719 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	2 139 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	460 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	228 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 231 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	219 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	D0bd462c-e622-40b4-9939-dbd8b5850181
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
Halogen content performance	Halogen free plastic parts product
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again

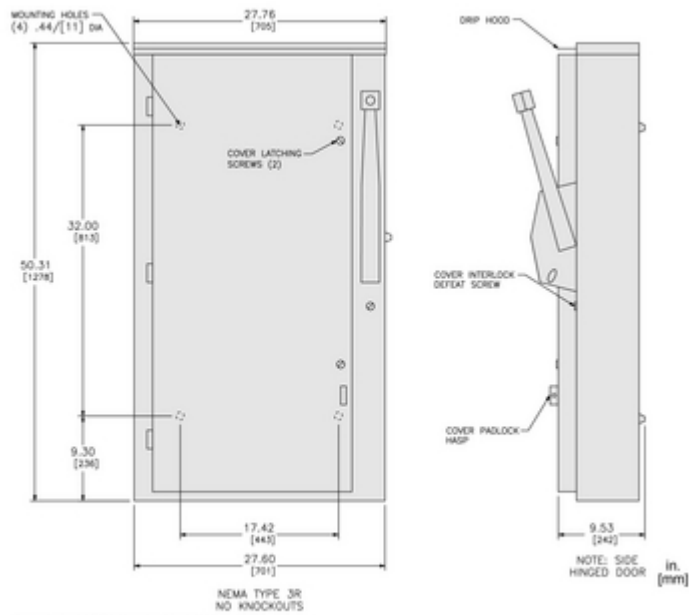


Repack and remanufacture

Recyclability potential, in %	90
Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

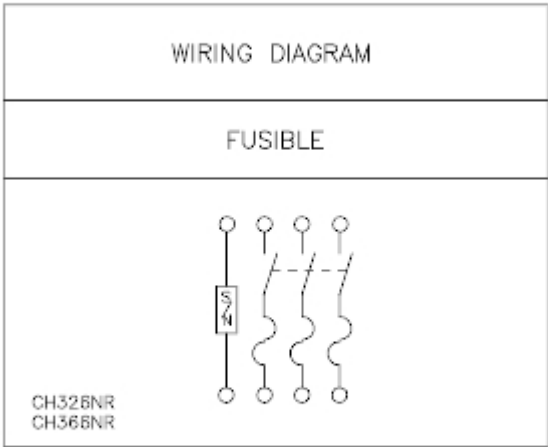
Dimensions



ALL DIMENSIONS ARE APPROXIMATE.
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Technical Illustration

Wiring diagram



REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.