Specifications







Eaton C306NN3

Eaton Freedom NEMA overload relay, 100 - 149A, Three-pole, NEMA Size 4, IEC Size N , Panel Mounted mounting

General specifications	
PRODUCT NAME	Eaton Freedom NEMA overload relay
CATALOG NUMBER	C306NN3
UPC	782113626567
PRODUCT LENGTH/DEPTH	8.6 in
PRODUCT HEIGHT	5.9 in
PRODUCT WIDTH	5.3 in
PRODUCT WEIGHT	4.3 lb
WARRANTY	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
CERTIFICATIONS	UL Listed CSA Certified
CATALOG NOTES	Torque 120 (3/16), 200 (1/4), 250 (5/16)
PRODUCT TYPE	Overload relay

Powering Business Worldwide

Product specifications

AMPERAGE RATING	100-149A
DESIGN	NEMA, IEC
FRAME SIZE	NEMA Size 4, IEC Size N
MOUNTING	Panel
NUMBER OF POLES	Three-pole
SPECIAL FEATURES	Heaters required
TRIP TYPE	Thermal
TYPE	Freedom NEMA

Resources

CATALOGS	Motor Control and Protection, NEMA Contactors and Starters, Volume 5, Tab 2
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - C306NN3

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.