Specifications



Photo is representative





Eaton AA31P

NEMA A200 Thermal Overload Relay, One-pole, Panel mounted, NEMA , Thermal Type A, Class 20, 1NC Auxiliary Contact, Ambient Compensated , Full load range 19-90A

General specifications	
PRODUCT NAME	Eaton Freedom NEMA overload relay
CATALOG NUMBER	AA31P
UPC	786678225296
PRODUCT LENGTH/DEPTH	6.3 in
PRODUCT HEIGHT	2.3 in
PRODUCT WIDTH	5.8 in
PRODUCT WEIGHT	1.05 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	CSA Certified UL Listed
PRODUCT TYPE	Overload relay

Powering Business Worldwide

Product specifications

MODIFICATION	1NC Auxiliary Contact, Ambient Compensated
DESIGN	NEMA
FULL LOAD CURRENT RANGE	19-90A
MOUNTING	Panel
NUMBER OF POLES	Single-pole
SPECIAL FEATURES	Heaters required
TRIP TYPE	Thermal Type A, Class 20
TYPE	A200

Resources

CATALOGS	Motor Control and Protection, NEMA Contactors and Starters, Volume 5, Tab 2
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - AA31P
WARRANTY GUIDES	Selling Policy 25-000 - Distribution and Control Products and Services

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.