

Specifications



Eaton N234-MI-BX

Medical-Grade Ethernet Network Isolator -
RJ45 Feedthrough for Patient Care Vicinities,
IEC 60601-1, TAA

General specifications

PRODUCT NAME	Eaton Tripp Lite series surge protector
CATALOG NUMBER	N234-MI-BX
UPC	037332287120
PRODUCT LENGTH/DEPTH	0.98 in
PRODUCT HEIGHT	1.84 in
PRODUCT WIDTH	2.63 in
PRODUCT WEIGHT	0.08 lb
WARRANTY	1 year limited
COMPLIANCES	RoHS CE Marked REACH TAA Compliant
CERTIFICATIONS	2MOPP
GLOBAL CATALOG	N234-MI-BX
PRODUCT TYPE	Surge protector

Product specifications

ACCESSORY CLASS	Networking accessories
COLOR	White
PACKAGE CONTENTS	N234-MI-BX Medical-Grade Ethernet Network Isolator for Patient Care Vicinities Quick Start Guide
SYSTEM REQUIREMENTS	Network components that comply with IEEE 802.3 or IEEE 802.3ab (10/100/1000BASE-T, twisted-pair) Cat6 network cabling
IEEE STANDARDS SUPPORTED	802.3
CONNECTOR TYPE	Networking-copper
NETWORK SPEED	10 Gbps
PRODUCT HIGHLIGHTS	Compliant with a wide range of medical equipment and Cat6 cables Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases Meets vigorous IEC 60601-1 2MOPP standards for use in patient care vicinities 1-year limited warranty (Worldwide) Isolates harmful leakage currents on a data network to protect patients and equipment Plug-and-play operation requires no additional software or external power supply
SIDEA CONNECTOR1	RJ45 (FEMALE)
SIDEB CONNECTOR1	RJ45 (FEMALE)
ACCESSORY TYPE	Network isolator
SIDEB CONNECTOR3	RJ45 (FEMALE)
TECHNOLOGY	Cat6
OPERATING HUMIDITY	10% to 90% RH, Non-condensing
OPERATING TEMPERATURE RANGE	14° to 158°F (-10° to 70°C)
STORAGE HUMIDITY RANGE	10% to 95% RH, Non-condensing
STORAGE TEMPERATURE	-40° to 158°F (-40° to 70°C)

Resources

BROCHURES

[Tripp Lite series hospital-grade network isolators brochure](#)

[Hospital-Grade Solutions for Healthcare Environments Quick Reference Guide](#)

ESD PROTECTION	16kV
OPERATING TEMPERATURE	14° to 158°F (-10° to 70°C)
CONNECTOR GROUP	RJ45
CONNECTOR	RJ45 (female)

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.

