Specifications

Eaton MTL7743

Eaton Crouse-Hinds series MTL7700 Zener barrier, 22.9-30 Vdc, 45mA, 2 channels, Polycarbonate, DIN rail mount, Built-in overvolt protection, Proximity sensor or switch input and relay outputs

General specifications	
PRODUCT NAME	Eaton Crouse-Hinds series MTL7700 Zener barrier
PRODUCT NAME	Eaton Crouse-Hinds series MTL7700 Zener barrier
CATALOG NUMBER	MTL7743
EAN	3066227675734
PRODUCT LENGTH/DEPTH	105 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	12.6 mm
PRODUCT WEIGHT	140 g

Powering Business Worldwide

Certifications and compliances

AREA CLASSIFICATION	Hazardous/Classified Locations
STANDARDS TYPE	IECEx/ATEX IEC NEC/CEC
NEC HAZARDOUS RATING	Class I, Division 2 Class I, Zone 2
IECEX/ATEX HAZARDOUS RATING	Zone 0 Zone 2
INGRESS PROTECTION (IP) RATINGS	IP20

Product specifications

NUMBER OF CHANNEL	2
RATED SUPPLY VOLTAGE DC	22.9-30 Vdc
TYPE OF POWER SUPPLY	DC
SWITCHING CURRENT	45mA
MATERIAL	Polycarbonate
MOUNTING METHOD	DIN rail
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING TEMPERATURE	60 °C
SPECIAL FEATURES	Built-in overvolt protection
USED WITH	Proximity sensor or switch input and relay outputs

Resources

CATALOGUES	MTL7700 Active / Electronically Protected Barriers
INSTALLATION INSTRUCTIONS	MTL7700 Range Instruction Manual MTL7700 ATEX Safety Instructions

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.