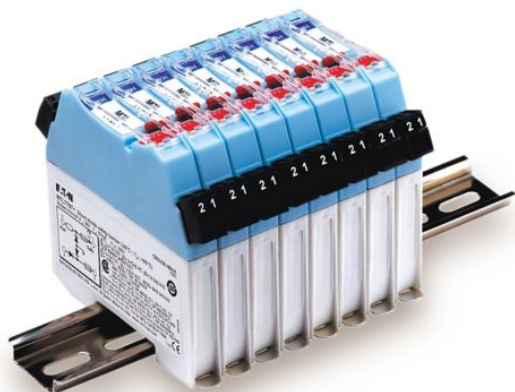


Specifications



Eaton MTL7706+

Eaton Crouse-Hinds series MTL7700 Zener barrier, 20-35 Vdc, 4-20mA, 1 channel, Polycarbonate, DIN rail mount, 0-500Ω load resistance, Built-in overvolt protection, 2-wire, For 'smart' 2-wire 4/20mA transmitters, + polarity

General specifications

PRODUCT NAME	Eaton Crouse-Hinds series MTL7700 Zener barrier
PRODUCT NAME	Eaton Crouse-Hinds series MTL7700 Zener barrier
CATALOG NUMBER	MTL7706+
EAN	3066227675752
PRODUCT LENGTH/DEPTH	105 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	12.6 mm
PRODUCT WEIGHT	140 g
PRODUCT TYPE	Zener barrier



Powering Business Worldwide

Certifications and compliances

AREA CLASSIFICATION	Hazardous/Classified Locations
STANDARDS TYPE	NEC/CEC IECEX/ATEX IEC
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	1
RATED SUPPLY VOLTAGE DC	20-35 Vdc
TYPE OF POWER SUPPLY	DC
SWITCHING CURRENT	4-20mA
LOAD	0-500Ω load resistance
MATERIAL	Polycarbonate
MOUNTING METHOD	DIN rail
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING TEMPERATURE	60 °C
SPECIAL FEATURES	Built-in overvolt protection
TYPE	2-wire
USED WITH	For 'smart' 2-wire 4/20mA transmitters

Resources

CATALOGS [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.

