

Customs Tariff Number:	8536508000
Product Main Type:	Eden
Product Name:	Sensor
Function:	Non-contact safety sensor used as interlocking device - Actuator to be ordered separately
Sub-Function:	Info signal
Status Indicator:	Yes

Popular Downloads

Data Sheet, Technical Information:	2TLC010044L0201
Data Sheet, Technical Information (Part 2):	2TLC172211D0201
CAD Dimensional Drawing:	2CDC001079B0201
EPLAN Data:	9AAC170156_EPLAN
Marketing Video:	2TLC010019N0201 2TLC010018N0201

Installation

Instructions and Manuals:	2TLC172272M0201
Mounting Type:	Not flat

Dimensions

Product Net Depth / Length:	12 mm
Product Net Height:	75.2 mm
Product Net Width:	30 mm
Product Net Weight:	0.026 kg

Safety Information

Certification Agency:	TÜV Süd
Safety Category:	4
Performance Level (PL):	Up to e
Safety Integrity Level (SIL):	3

Technical

Communication Interface:	OSSD
Connection Configuration:	M12-5 male
Number of Outputs:	Non-Failsafe, Undelayed Contacts 0 Non-Failsafe, Undelayed Semiconductors 1

Operating Distance (S_n):	15 mm
PCB Coated:	No
Probability of Dangerous Failure per Hour (PFDH):	4,5 10 ⁻⁹ hour
Rated Control Supply Voltage (U_s):	24 V DC

Technical UL/CSA

Enclosure Type UL/CSA:	4X
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Environmental

Ambient Air Temperature:	Operation -40 ... 70 °C Storage -40 ... +70 °C
Degree of Protection:	IP67 IP69K
Material:	Housing: Plastic (PBT) Coating housing: Uncoated Moulding: Epoxy
Operating Humidity (RH_{amb}):	35 to 85% (no icing, no condensation)

Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
REACH Declaration:	2CMT2022-006480
RoHS Declaration:	2CMT2022-006499
RoHS Information:	No declaration needed
SCIP:	cbbc22e5-771f-4bd3-b31a-8d28cb4437fa Sweden

Simplified SCIP:	eacc2cea-59e6-4079-a330-3c9f6e3a781f Belgium 58012b90-62cc-495b-b5db-c0b8d797eff2 Portugal d0354346-9016-4cb7-9280-6d8c737aaedb Germany 11d36ce9-0034-44d2-b3b9-4863fd983298 Bulgaria 5c3ac2ee-b157-44fe-a526-bb1977b65253 Italy f7f6fe5f-1be8-4c60-adde-e62e7151b02a Sweden 0b85351a-1410-4b6a-a2f8-6e6d480b4289 Poland 926e1b0a-3701-4eff-8014-da7082164e47 France 5fa770bb-5307-41c8-b14e-e49e826c55e4 Germany 7c8b1658-a6f7-4976-a939-7174715ecc22 France d9f08165-b065-44bf-bba4-bf295a6246d4 Hungary 2bca86d1-7c5b-47d0-998b-46e398aa665d Spain fb82a091-ca5f-4bce-a992-2b604124c8e1 Belgium 1a481684-4fdd-4ae7-8e0a-5939c56cbbb1 Germany 682175ca-266d-4d5a-bde0-e7b76530e5d7 Poland 982e88ec-82de-46d5-8029-abce119fae1b Norway f087e91f-6287-4991-94f8-17878007d30b Finland 39ba6110-d83e-49d4-8713-cf6aa3d6fdec Germany 5a219d4d-bfec-48fa-b6c6-d28dc41b6204 Denmark 2ef86b82-f721-44c3-b543-b07d6f5495bb Germany 60d07686-c8f9-4a49-8ada-1c009e2ba10e Croatia 0bec360e-f50a-4588-ac85-a4b28cd48754 Czech Republic 7d75357b-b82c-4a3b-9659-ac8403ce11d6 Poland ff383906-1621-4945-a145-0db64455fa09 Netherlands 8978e607-f10b-4387-a2db-610a0d432ae3 Hungary cfb906ae-89f5-43d2-b16d-ce8e6deb36d6 Estonia 94e23e2e-92ea-45c2-9ae1-80f6ae96eaf9 Greece
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Toxic Substances Control Act - TSCA:	2CMT2023-006522
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

ABB EcoSolutions

Environmental Product Declaration - EPD: 2TLC010222D0201

Certificates and Declarations

CQC Certificate:	No declaration needed
cULus Certificate:	2TLC172264D0201
Declaration of Conformity - CCC:	No declaration needed
Declaration of Conformity - CE:	2TLC172261D0201
Declaration of Conformity - UKCA:	2TLC010160D0201
TÜV Certificate:	2TLC172297D0201
UL Certificate:	2TLC172264D0201

Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	0.016 m
Package Level 1 Depth / Length:	0.075 m
Package Level 1 Height:	0.075 m
Package Level 1 Gross Weight:	0.052 kg

Package Level 1 EAN: 7350024480337

External Classifications and Standards

eClass:	V11.0 : 27272402
ETIM 7:	EC002544 - Magnetic proximity switch
ETIM 8:	EC002544 - Magnetic proximity switch
ETIM 9:	EC002544 - Magnetic proximity switch
IDEA Granular Category Code (IGCC):	6147 >> Non contact sensors
UNSPSC:	41111916
Object Classification Code:	B
E-Number (Finland):	2314983
E-Number (Sweden):	3830215

Categories

Products > Low Voltage Products and Systems > Control Products > Safety Products > Safety Sensors, Switches and Locks > Eden

