

AXIS TX1401 Fiber Optic Cable Splice Box

Secure installations in hazardous areas

This robust Ex e certified junction box makes it easy to set up fiber optic installations in Zone 1 and 2. It's ideal for demanding applications and hazardous areas with potentially explosive gas or dust atmospheres, and it's certified to ATEX, IECEx, and INMETRO standards for use in areas with potentially explosive atmospheres. It includes everything needed for secure and efficient fiber optic connections. Two cable glands ensure secure, protected cable entry, and a splice cassette protects and organizes fiber connections, connecting multicore fiber cables with Axis Fiber Optic breakout cables for secure integration with explosion-protected devices.

- > [Integrated splice cassette for easy installation](#)
- > [Certified for Zones 1 and 2](#)
- > [Two cable glands for secure cable entry](#)
- > [Stainless steel protective enclosure](#)
- > [ATEX, IECEx, and INMETRO certified](#)



AXIS TX1401 Fiber Optic Cable Splice Box

Approvals

Environment

IEC/EN 60529 IP66

Certifications

Splice box

Model key: R. STAHL type 8150/5 and type 8186

ATEX

II 2G Ex op pr IIC Gb

II 2G Ex eb IIC T6 Gb

II 2D Ex tb IIIC T80°C Db

Certificate: PTB 10 ATEX 2015 U, PTB 09 ATEX 1108

IECEX

Ex op pr IIC Gb

Ex eb IIC T6 Gb

Ex tb IIIC T80°C Db

Certificate: IECEX PTB 10.0060 U, IECEX PTB 09.0048

INMETRO

Ex op pr IIC Gb

Ex eb IIC T6 Gb

Ex tb IIIC T80°C Db

Certificate: UL-BR 22.3246U, UL-BR 11.0028

Cable gland

Model key: R. STAHL type 8161/7

ATEX

II 2 G Ex eb IIC Gb

II 2 D Ex tb IIIC Db

Certificate: PTB 14 ATEX 1008 X

IECEX

Ex eb IIC Gb

Ex tb IIIC Db

Certificate: IECEX PTB 14.0011X

-40°C < Tamb < +75°C

General

Supported products

Explosion-protected devices

Casing

IP66-rated, ISI 316L stainless steel, brush finished

Connectors

6-way FO splice cassette

Dimensions

360 x 176.5 x 91 mm (14.2 x 6.9 x 3.6 in)

Weight

4.9 kg (10.8 lb)

Operating conditions

-40 °C to 60 °C (-40 °F to 140 °F)

Humidity 10–100% RH (condensing)

Storage conditions

-40 °C to +60 °C (-40 °F to 140 °F)

Humidity: 5–95% RH (non-condensing)

Box content

Ex-e junction box , two Ex e Cable Glands M20 (non-armored cable), installation guide, Declaration of Conformity

Warranty

Axis 5-year warranty, see axis.com/warranty

Sustainability

Substance control

PVC free, BFR/CFR free in accordance with JEDEC/ECA

Standard JS709

RoHS 2011/65/EU

REACH compliant

Environmental responsibility

axis.com/environmental-responsibility

Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org