



Cold-applied technology

with brass cable gland explosion protected

Features

- Direct connection of self-limiting heating cable into the junction box
- Connection and termination in one set
- Small place saving and economic solution
- Easy project and assembling with silicone cold applied technology

Description

When an enclosure is connected directly, the heating tape (Type no. 07-5819-...2) is first stripped and then a silicone hose wetted with adhesive is pushed over the supply line.

A green/yellow protective hose is pulled on over the braiding.

The braiding and the brass cable gland is to be prepared for connection to protective earth.

Likewise after stripping the end of the tape, a silicone cap wetted with adhesive is put on it.

The adhesive is completely set hard after 24 h and room temperature in the ambient cure time. The heating cable can be mounted after a hardening time of 15 min. tack-free time.

Explosion protection

Ex protection type

Heating cable and silicone parts

Ex II 2GD IP 6X

Ex e IIC T2 Gb

Ex t IIIC T300 °C Db

Cable gland

Ex II 2GD

Ex e II

Ex tD A21 IP 68

Certification

Sira 10 ATEX3268

Sira 01 ATEX1270 X

Ambient temperature range

depends on used junction box

-40 °C to +180 °C

Technical data

Permissible ambient temperature

for heating cable switched on

-40 °C to +180 °C

for heating cable switched off

-40 °C to +180 °C

Electrical data

Nominal voltage

AC 110 V to AC 120 V

AV 220 V to AC 277 V

Nominal power output

15 W/m to 90 W/m

Selection chart

Designation	Description	Order no.
Installation kit explosion protected for HTSB Ex Type no. 07-5819-...	Connection and termination (direct enclosure entry) with metall screw	05-0091-0150