



INSTALLATION INSTRUCTIONS BLITZDUCTORconnect BCO CL2 BD EX 24

2047 / 03.23 / 3016960



IECEx TUR 20.0025X
Ex ia [ia Ga] IIC T6 Gb
Ex ib IIC T6 Gb
[Ex ia Da] IIIC

TÜV 19 ATEX 8476 X
I 2 (1) G Ex ia [ia Ga] IIC T6 Gb
I 2 G Ex ib IIC T6 Gb
II 1D [Ex ia Da] IIIC

TÜV 21 UKEX 7045X
I 2 (1) G Ex ia [ia Ga] IIC T6 Gb
I 2 G Ex ib IIC T6 Gb
II 1D [Ex ia Da] IIIC

Standards:

ATEX: EN 60079-0
EN 60079-11

IECEx: IEC 60079-0
IEC 60079-11

UKEx: BS EN 60079-0
BS EN 60079-11

Connection with intrinsically safe circuits with:
U_j = 30 V C_i = negligibly small
I_j = 500 mA L_i = negligibly small
P_j = 5.32 W
P_{v, max} = 0.5 W

3) Special conditions for safe use

Ambient temperature range:
-40 °C ≤ Ta ≤ +80 °C for T4
-40 °C ≤ Ta ≤ +75 °C for T5
-40 °C ≤ Ta ≤ +50 °C for T6



protected



not protected

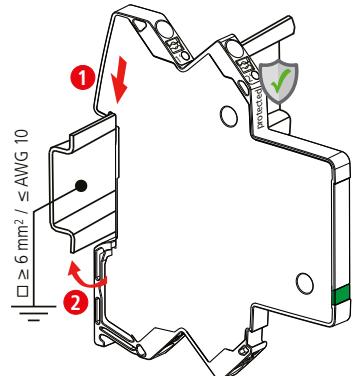


intrinsically safe

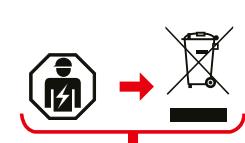
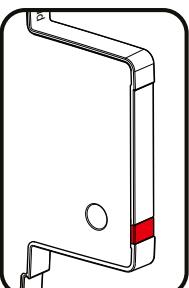
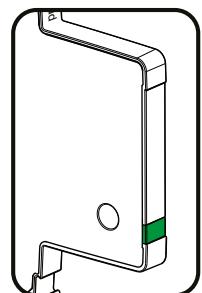
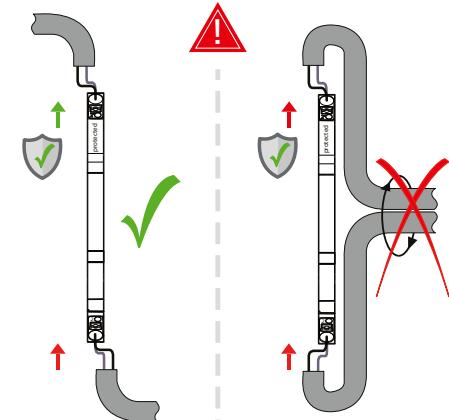
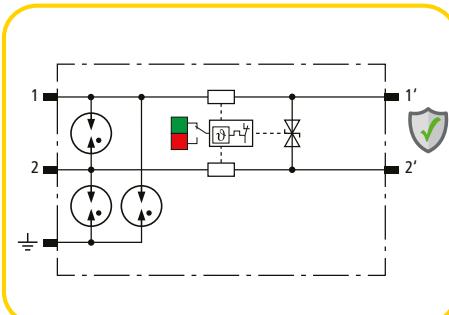
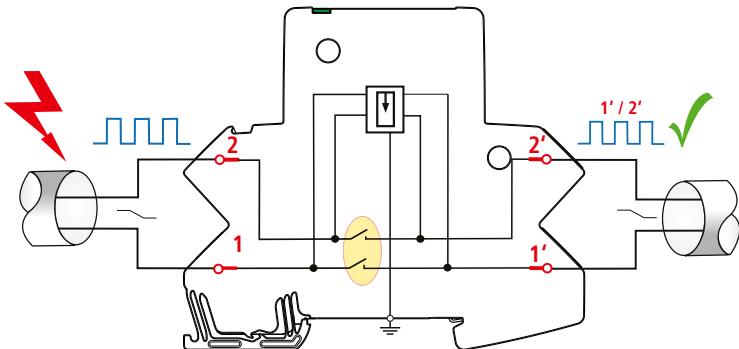
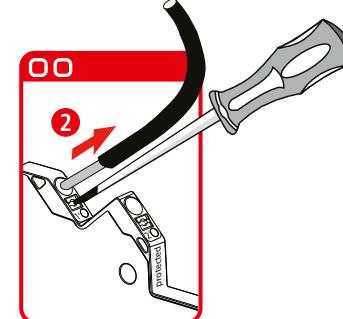
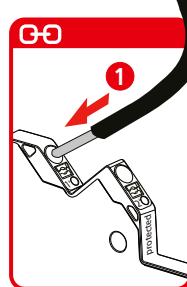
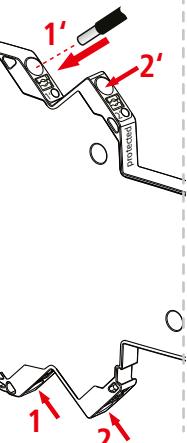


warning

9° | IP 4 | 20

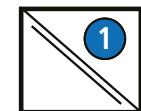
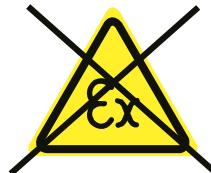


- | | |
|----------|--|
| 8 - 9 mm | □ 0.2 - 2.5 mm ²
(24 - 14 AWG) |
| 8 - 9 mm | □ 0.2 - 2.5 mm ² |
| 8 - 9 mm | □ 0.25 - 2.5 mm ² |
| 8 - 9 mm | □ 0.25 - 2.5 mm ² |



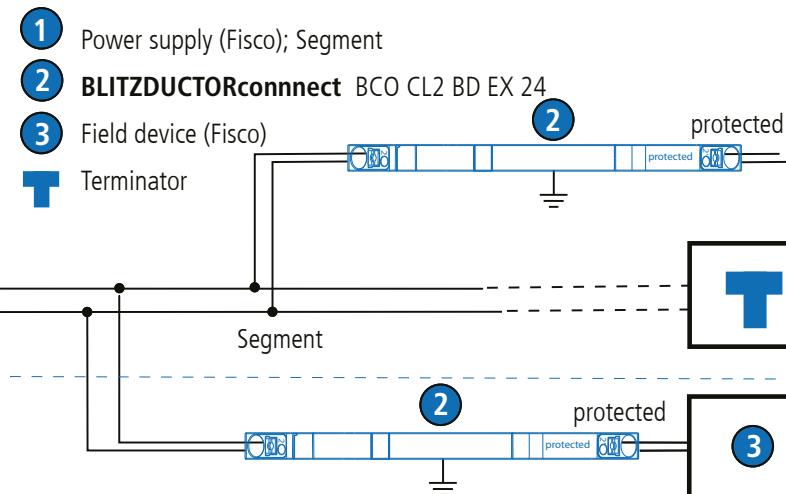
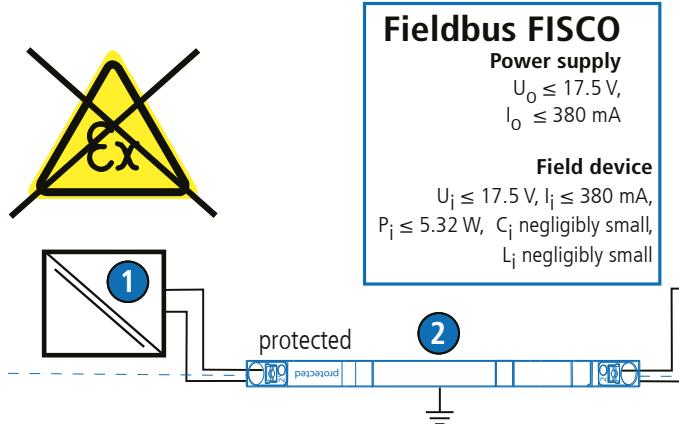
www.dehn.de
www.dehn-international.com

Fieldbus FISCO

**Fieldbus FISCO**

Power supply
 $U_0 \leq 17.5 \text{ V}$,
 $I_0 \leq 380 \text{ mA}$

Field device
 $U_i \leq 17.5 \text{ V}$, $I_i \leq 380 \text{ mA}$,
 $P_i \leq 5.32 \text{ W}$, C_i negligibly small,
 L_i negligibly small



Control Drawing

Intrinsic Safety Non hazardous area



protected

field leads

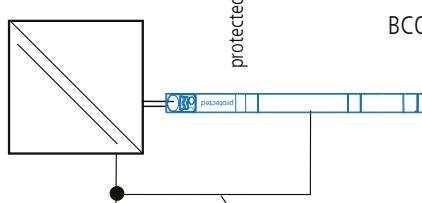
Hazardous area

application
zone 1, 2

protected

BLITZDUCTORconnect

BCO CL2 BD EX 24



equipotential bonding

