



ExLeader

NOUTATI IN OFERTA INTEC AUTOMATIZARI

**Echipament pentru legare la pamant
vagoane/cisterne petroliere**

Earthing connections for tank or container filling



Static electricity represents a major threat to safety when tanks and containers are being filled or emptied within hazardous areas. During filling or emptying a continuous earth connection must be ensured.

Using eXLink ensures the earthing connections are made and broken safely.

This application has led to dramatic reduction in the time taken to fill and empty tankers, providing substantial cost benefits. The static ground indicator can be used to check for good ground connection when filling or emptying tankers, drums or similar portable containers with combustible materials.

The premise for the function is a correct ground connection (by customer).

After connecting the eXLink to the unit and the ground clamp to the object being monitored, with a good ground connection the amplifier switches the relay and the green signal lamp indicates "Ground available". On breaking the ground connection e.g. by removing the ground clamp or cable break, the relay is tripped and the red signal lamp indicates "Ground not available".



Specificatie echipament/Exemplu:

1	<p>Ex- Grounding Indicator, GRP, EEx de II C T4</p> <p>Echipament de legare la pamant vagoane cisterne pe rampe incarcare, in constructie anti-ex EEx de IIC T4 / IP 65 cu certificare ATEX ptr utilizare in zona 1 si 2 de pericol de explozie.</p> <p>Componente:</p> <p>Tablou monitorizare cf desen 20167629. Tensiune: 230V 50Hz. Material: aliaj metalic.</p> <p>Include: 1 x Selector 0-1 - OPTIONAL 2 x Lampa semnalizare, 20-250V ca/cc 1 x Releu 230V 50Hz, 2ND 1 x Rezistenta de incalzire, 50W/230V - OPTIONAL</p> <p>Cablu de legare la pamant, HO7-F, 3x1,5mm², 25m pe tambur, include clema de legare la pamant Lungimea cablului se stabileste in functie de aplicatie . Tamburul este optiune suplimentara .</p> <p>Intrari cablu la tablou monitorizare: 1 xM20x1,5 cu presetupa Ex e 1 xM20x1,5 cu presetupa Ex e 1 x Set conectori (M+F), metalici, 2P+PA</p> <p>Dim:544x271x133mm; Greutate: aprox 25kg. Marcaj: II2G</p> <p style="text-align: right;">Conf. Fisa tehnica</p>
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IMPORTANT:

Echipamentul include conectori EX LINK (mama + tata) pentru conectarea cablului de impamantare . Se asigura o mare flexibilitate si siguranta in operare .



Pentru oferte si informatii suplimentare ne puteti contacta telefonic sau prin e-mail la sales@intec-automatizari.ro.

COOPER Crouse-Hinds



Grounding Indicator

Design according to:	EN 60 079-0, EN 60 079-1, EN 60 079-7,
Explosion protection:	Ex de IIC T4
Certificate of conformity:	PTB 99 ATEX 1044
Protection category:	IP65
Rated voltage:	230V 50Hz
Control voltage:	230V 50Hz
Backup fuse max.:	16A gl.
Ambient temperature:	-20°C ≤ Tamb ≤ +40°C
Net weight approx.	18 kg

The selection of enclosure and components is based on an individual power loss reflection, due to the above mentioned ambient temperature (relevant standard EN 60439).

Consisting of:

- 1 Light alloy Ex-d enclosure GUB20
- 1 Enclosure size 3 high
- 1 Brass gland plate Ex61
- 1 Mounting plate 252x252 stainl.steel

built in:

- 1 Relay 230V AC, 2c/o contact
- 1 Multi-function reIETR4-69-A 24-240VAC/DC
- 1 Switch amplifier MTL5018ac, 85-265V AC
- 1 Lamp bezel Ex41 red
- 1 Lamp bezel Ex41 green
- 2 Ex41 Lamp "SO" 20-250V-AC/DC
- 1 Ex-D-fuse 2x T 2A
- 1 eXLink Plug Bus 3pole+PA 2h
- 1 eXLink Flange socket Bus 3pole+PA 2h
- 1 Bushing 10x1.5mm²
- 1 Flameproof threaded bush. 6x0.75mm² blue

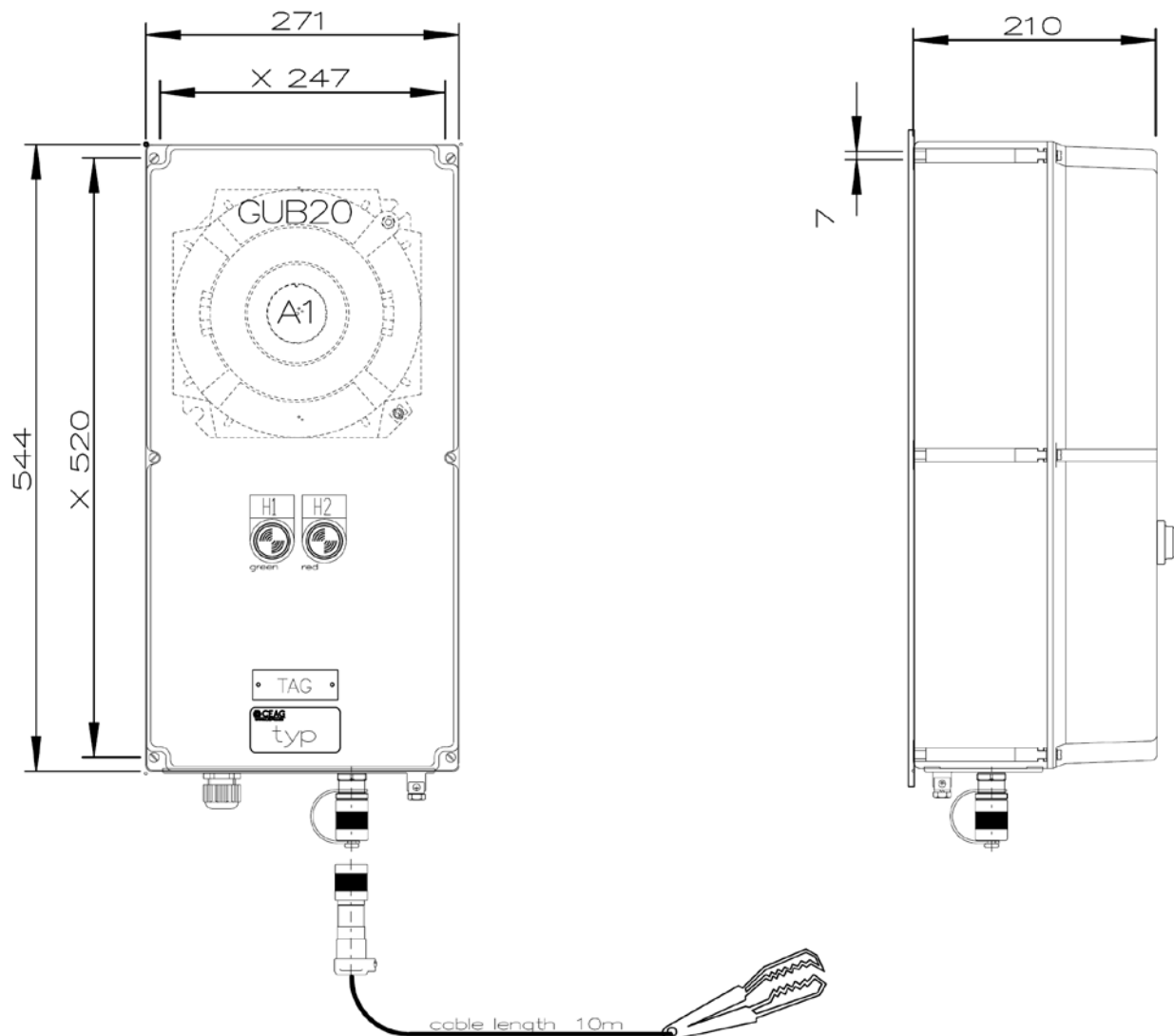
The distribution is completely wired.

A row of terminals is assigned for customer connection.

Cable entries:

- 1 Ex-e cable gland M25x1.5 black

Option: Gripper with 10 mtr. Cable



Grounding Indicator



Ex-Distribution Panel

Electrostatic grounding + grounding indication

Design according to:	EN 60 079-0, EN 60 079-1, EN 60 079-7, EN 60 079-11,
Explosion protection:	Ex dem[ia] IIC T4
Certificate of conformity:	PTB 99 ATEX 1044/LOM 04 ATEX 2018
Protection category:	IP65
Rated voltage:	400/230V 50Hz
Control voltage:	230V 50Hz
Backup fuse max.:	16A gL, max. 10kA
Ambient temperature:	-30°C ≤ Tamb ≤ +40°C
Net weight approx.	21 kg

The selection of enclosure and components is based on an individual power loss reflection, due to the above mentioned ambient temperature (relevant standard EN 60439).

Consisting of:

- 1 Light alloy Ex-d enclosure GUB20
- 1 Plastic Enclosure Size 1
- 1 Enclosure size 3 high
- 1 Brass gland plate Ex61
- 1 Mounting plate size2 stainless steel

built in:

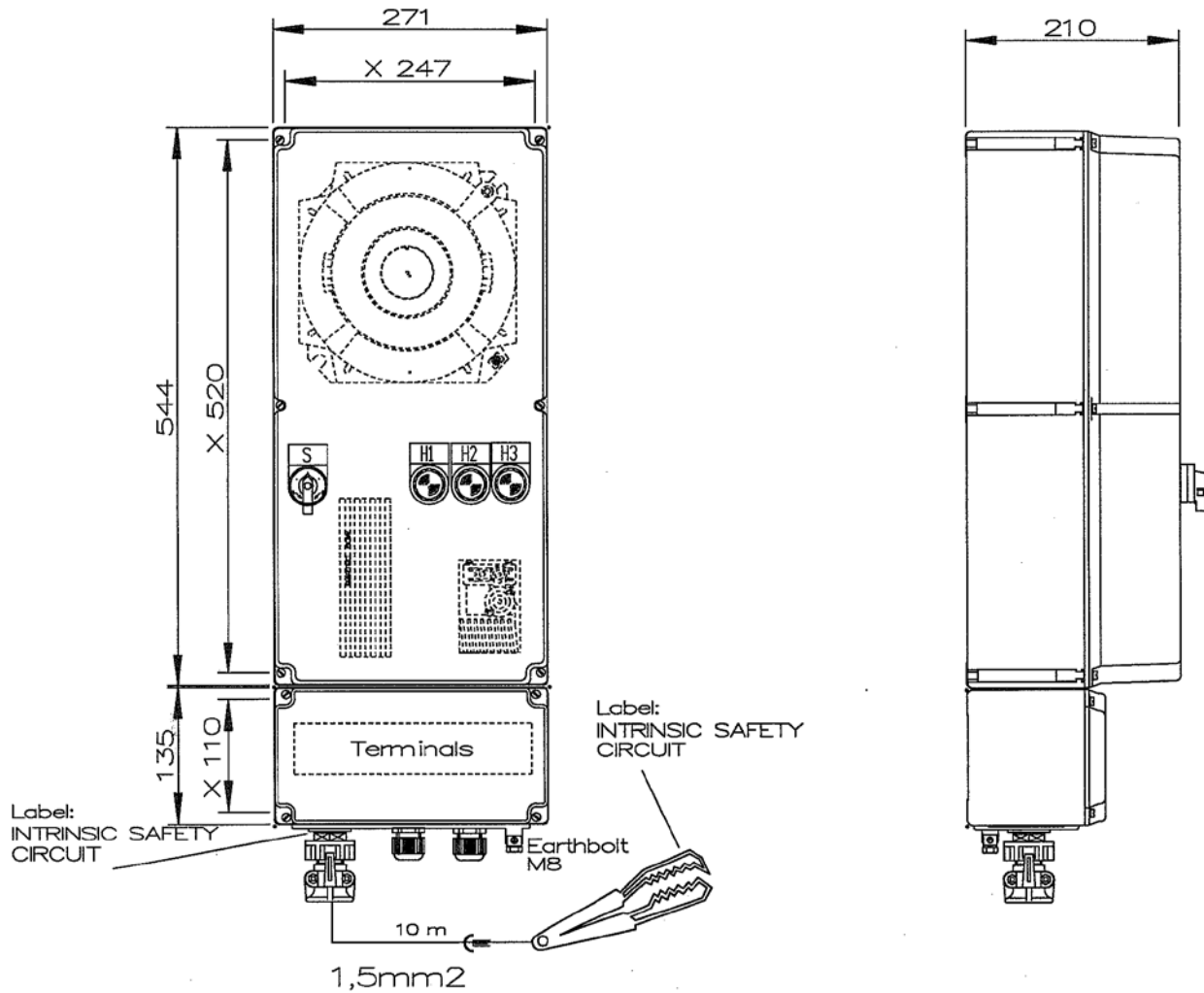
- 1 Relay 230V AC, 2c/o contact
- 1 Switch amplifier MTL5018ac, 85-265V AC
- 1 Earthing clamp 2pole + PE
- 1 Ex-D-fuse 2x T 2A
- 3 Ex 41 Lamp 20-259V AC/DC
- 1 Ex 41 Control switch 0-I
- 1 Ex-ed-Thermostat KTUR16. (-20 - +70°C)
- 1 Ex-dm-heater 50W 230V
- 1 Flameproof threaded bushing 14x1.5mm²
- 1 Flameproof threaded bush. 6x0.75mm² blue
- 1 10m cable 3x 1,5mm² blue

The distribution is completely wired.

A row of terminals is assigned for customer connection.

Cable entries:

- 1 Ex-e trumpet cable gland M20x1.5
- 1 Ex-e cable gland M20x1.5 black
- 2 Ex-e cable gland M25x1.5 black



Item 1 electrostatical grounding indication and earthing



Ex-Distribution Panel

Electrostatic grounding indication

Design according to:	EN 60 079-0, EN 60 079-1, EN 60 079-7, EN 60 079-11,
Explosion protection:	Ex dem[ia] IIC T4
Certificate of conformity:	PTB 99 ATEX 1044/LOM 04 ATEX 2018
Protection category:	IP65
Rated voltage:	400/230V 50Hz
Control voltage:	230V 50Hz
Backup fuse max.:	16A gL, max. 10kA
Ambient temperature:	-30°C ≤ Tamb ≤ +40°C
Net weight approx.	22 kg

The selection of enclosure and components is based on an individual power loss reflection, due to the above mentioned ambient temperature (relevant standard EN 60439).

Consisting of:

- 1 Light alloy Ex-d enclosure GUB20
- 1 Plastic Enclosure Size 1
- 1 Enclosure size 3 high
- 1 Brass gland plate Ex61
- 1 Mounting plate size2 stainless steel

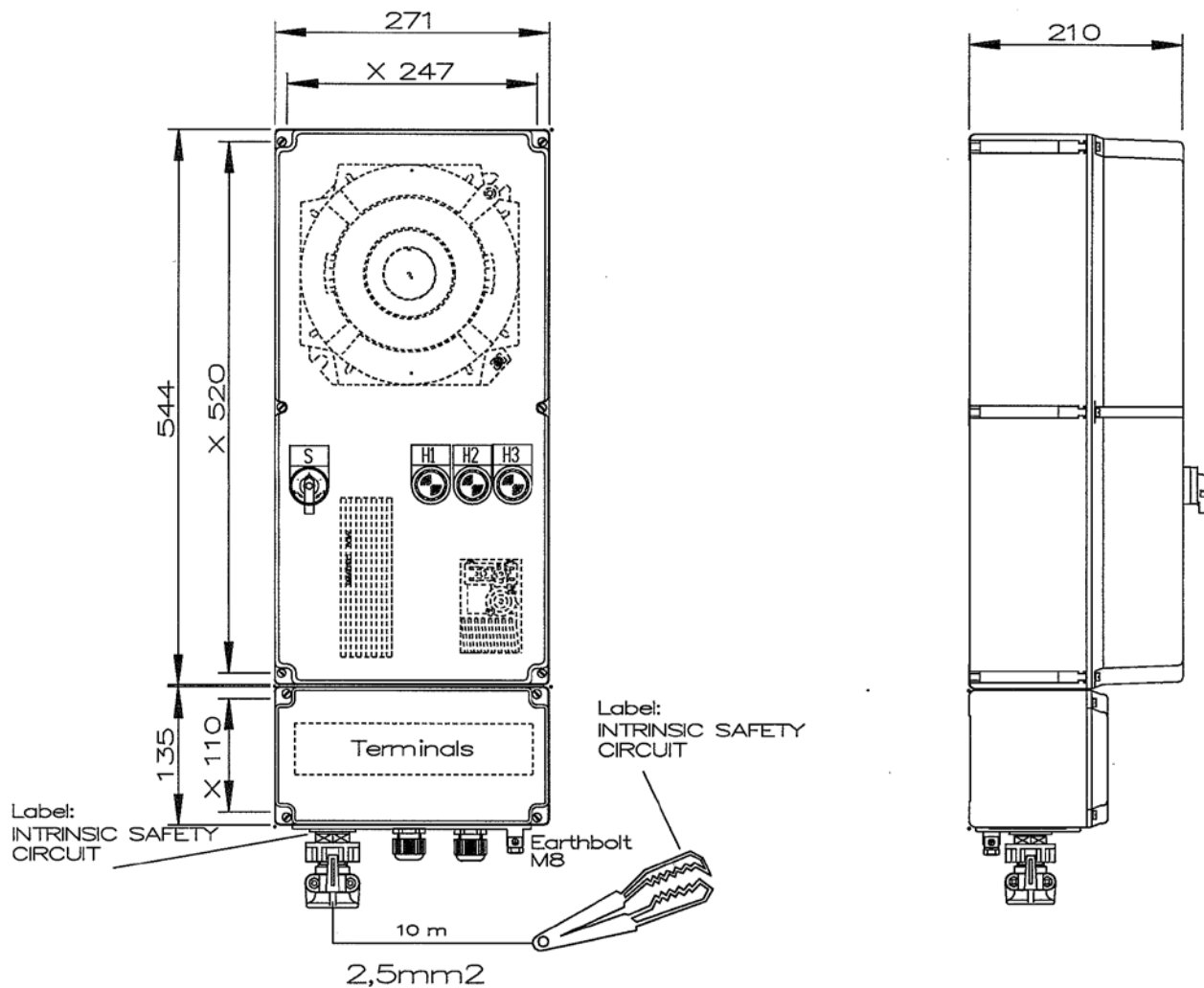
built in:

- 1 Relay 230V AC, 2c/o contact
- 1 Clamp 2-pol
- 1 Switch amplifier MTL5018ac, 85-265V AC
- 1 Ex-D-fuse 2x T 2A
- 3 Ex 41 Lamp 20-259V AC/DC
- 1 Ex 41 Control switch 0-I
- 1 Ex-ed-Thermostat KTUR16. (-20 - +70°C)
- 1 Ex-dm-heater 50W 230V
- 1 Flameproof threaded bushing 14x1.5mm²
- 1 Flameproof threaded bush. 6x0.75mm² blue
- 2 Connector 4 mm²
- 1 10m Cable 2x2,5mm²

The distribution is completely wired.
A row of terminals is assigned for customer connection.

Cable entries:

- 1 Ex-e trumpet cable gland M25x1.5
- 1 Ex-e cable gland M20x1.5 black
- 2 Ex-e cable gland M25x1.5 black



Item 2 electrostatical grounding indication