

1) Head 1, 2) Head 2, 3) Tightening torque



Basic features

Approval/Conformity	CE UKCA cULus WEEE
EN 55011	Size 1, Cl. A
Principle of operation	Processor unit

Display/Operation

Bus active BA	Green LED
CT1 present/operating	LED green/LED yellow
CT2 present/operating	LED green/LED yellow
Cable check CC	Green LED
Operating voltage monitoring UL	Green LED
Ready/Bus active	LED red/LED green
Remote bus deactivate RD	LED red

Electrical connection

Connection (COM 1)	(Interbus/RS232/power supply/ digital input): Terminal strip, 19- pin, Conductors: 0.14...1 mm ² with end ferrules 0.25...0.34 mm ²
Connection slots	Head 1: Male, 4-pin Head 2: Male, 4-pin
Connector port 01, note type	for all C-3... with female, 4-pin, ±90° rotatable

Electrical data

Control input	1 (optocoupler isolated)
Control voltage active	4...40 V
Control voltage inactive	1.5...-40 V
Current consumption max. at 24 V DC	400 mA
Delay time typ.	5 ms
Input current max. at 24 V	11 mA
Operating voltage U_b	19.2...28.8 VDC
Residual ripple max.	10 %

LF (70/455 kHz)
BIS C-6001-023-650-03-KL2
Order Code: BIS0095

BALLUFF

Environmental conditions

Altitude max.	2000 m
Ambient temperature	0...60 °C
Area of operation	Indoor
Contamination scale	2
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-32 Free fall	yes
EN 60068-2-6, Vibration	yes
IP rating	IP65, with read/write head
Relative humidity	0...90 %, non-condensing

Interface

Cable gland	1 x Ø 4 - 8 mm 2 x Ø 5 - 10 mm
Interface	INTERBUS
Interface data	16 bytes OUT/16 bytes IN Ident-No.: 03

Material

Housing material	ABS
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Mechanical data

Application weight	500.00 g
Dimension	90 x 35 x 145 mm

Remarks

Values are under rated conditions unless otherwise specified.

For the last remote bus station the jumper between /RBST and RBST (Terminal 6 and 7) is out.

Recommended cable type: LiYCY 3x2x.25 mm², maximum cable capacitance: 120pF/m.

When installing, the technical standards and regulations of the corresponding countries must be observed.

The wires between the differential signals DO and /DO as well as DI and /DI must be twisted pair.

This device is intended to be supplied by a UL-listed or CSA-certified power supply unit with "Class 2" or LPS power source.

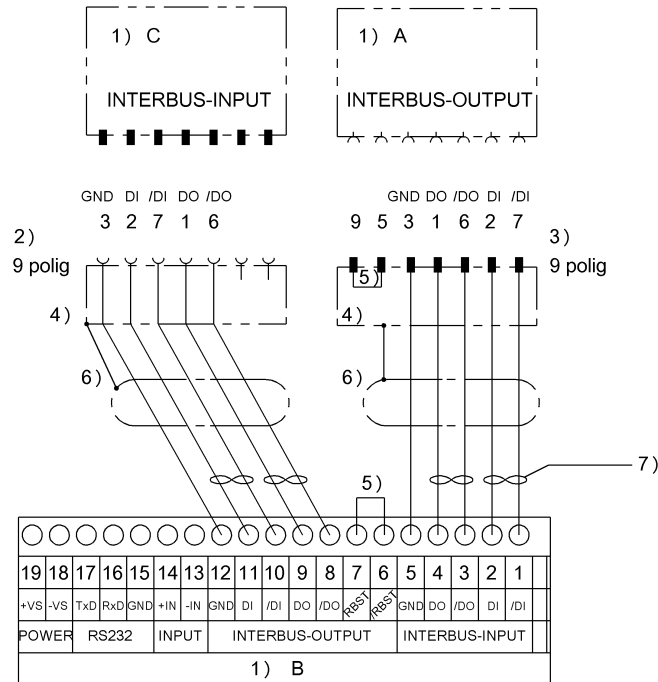
The product is maintenance-free.

The device can be cleaned with a slightly damp cloth.

The devices must be installed permanently.

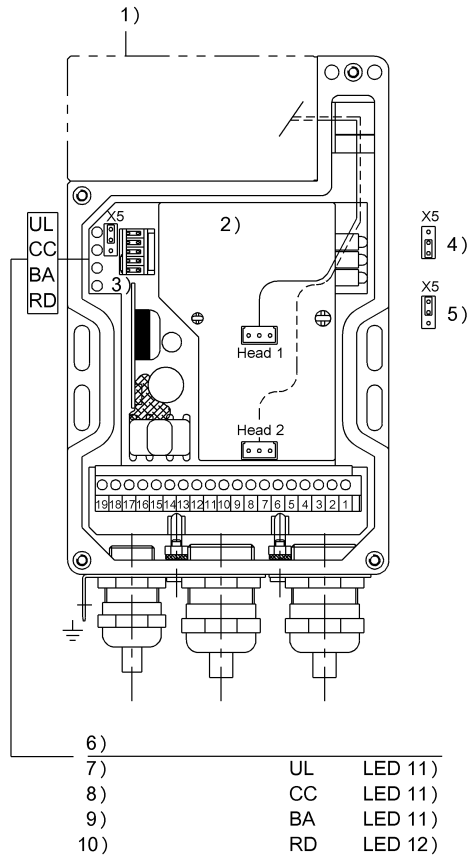
Check the function of the device and all associated components regularly by visual and functional testing. - In the event of malfunctions, take the device out of operation. - Secure the system against unauthorized use. - Check fastening and tighten if necessary. 1 Determine suitable mounting position. 2. Fasten the device with suitable mounting material.

Wiring Diagrams



- 1) Remote bus slave
- 2) MIN D female
- 3) MIN D connector
- 4) Housing
- 5) # Jumper
- 6) Shield
- 7) Wires twisted

Help Views



- 1) Read head connections
- 2) Inside view
- 3) Configuration module
- 4) BIS C-601 compatible
- 5) Factory default setting
- 6) Diagnostics indicators internal
- 7) Operating voltage monitoring
- 8) Cable Check
- 9) Bus active
- 10) Remote bus disable
- 11) green
- 12) yellow