

EU Declaration of conformity no 0127/3/EU/BITNER

1. Product: **IB-BiT 500® C; IB-BiT 500® CY; 300/500 V**
2. Manufacturer: **Cable Factory BITNER Sp. z o.o. [Ltd], 3/3 Józefa Friedleina St, 30-009 Kraków**
Production plant: 2 Krakowska St, 32-353 Trzyciąż
3. This Declaration of Conformity is issued under the sole responsibility of the manufacturer.
4. Scope of Declaration: **Screened, flexible control cables for intrinsically safe circuits with or without inner sheath**

Designated as:

BITNER IB-BiT 500® C; 300/500 V
BITNER IB-BiT 500® CY; 300/500 V

5. Scope of this Declaration stays in accordance with **LVD 2014/35/EU** Directive and corresponding provisions of EU harmonization legislation.
6. References of standards and/or technical specifications or their parts applied to the product being subject of this declaration of conformity:

- harmonized standards:

No	Title
EN 60228	Conductors of insulated cables
EN 60332-1-2	Tests on electric and optical fibre cables under fire conditions. Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame
EN 60332-3-24	Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C
EN 60079-11	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
EN 60811-404	Electric and optical fibre cables - Test methods for non-metallic materials - Part 404: Miscellaneous tests - Mineral oil immersion tests for sheaths

- other standards and/or technical specifications:

No	Title
ZN-CB-56:2009	Flexible control cables, screened and unscreened, type BIT 500
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7. Additional information: -

Trzyciąż, 31.03.2021

Place and date of issue

ZAKŁADY KABLOWE BITNER

Sp. z o.o.

Ul. Józefa Friedleina 3/3, 30-009 Kraków
Dyrektor ds. rozwoju, certyfikacji i kontroli jakości*Ireneusz Sosnowski*

name and signature of authorized person