

**EU Declaration of conformity no 445/1/EU/BITNER**

1. Product: **BiT 500<sup>®</sup>H B2ca; 300/500 V**
2. Manufacturer: **Cable Factory BITNER Sp. z o.o., 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: **Halogen-free flexible control cables**

Designated as:

**BITNER BiT 500<sup>®</sup>H B2ca; 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 61034-2    | Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements  |
| EN 60754-2    | Test on gases evolved during combustion of materials from cables. Determination of acidity (by pH measurement) and conductivity  |
| -             | -  |

- other standards and/or technical specifications:

| No                   | Title   |
|----------------------|---|
| ZN-CB-56:2009        | Flexible control cables, screened and unscreened, type BIT 500  |
| Based on: EN 50525-1 | Electric cables. Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U). General requirements |
| -                    | -   |
| -                    | -   |

7. Additional information: -

Trzyciąż, 12.03.2024

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