

EU Declaration of conformity no 0114/4/EU/BITNER

- 1. Product: **BiTflame 1000 FE180/PH90/E90; BiTflame 1000C FE180/PH90/E90; 0,6/1 kV**
- 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: **Fire resistant, halogen-free power and control cables with or without concentric conductor**

Designated as:

BITNER BiTflame 1000 FE180/PH90/E90; 0,6/1 kV
BITNER BiTflame 1000C FE180/PH90/E90; 0,6/1 kV

- 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 - Part 2: Determination of acidity (by pH measurement) and conductivity

- other standards and/or technical specifications:

No	Title
ZN-CB-71:2014	Power and control cables with halogen-free cross-linked insulation and halogen-free sheath, with circuits integrity for rated voltage 0,6/1 kV type BiTflame 1000 (C)
EN 50200:2006 + Annex E	Method of test for resistance to fire of unprotected small cables for use in emergency circuits
DIN 4102-12:1998	Fire behaviour of building materials and building components - Part 12: Circuit integrity maintenance of electric cable systems; requirements and testing
IEC 60331-21	Tests for electric and optical fibre cables under fire conditions. Circuit integrity. Part 21. Procedures and requirements. Cables of rated voltage up to and including 0,6/1,0 kV

- 7. Additional information: **National Technical Assessment - CNBOP-PIB-KOT-2020/0205-3701 e.1**

Trzyciąż, 08.02.2021
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