

EU Declaration of conformity no 0333/3/EU/BITNER

1. Product: **HDGs(żo) FE180/PH120/E90; HDGsekwf(żo) FE180/PH120/E90; 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: **Fire resistant, halogen-free power cables**

Designated as:

BITNER HDGs(żo) FE180/PH120/E90; 300/500 V
BITNER HDGsekwf(żo) FE180/PH120/E90; 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 60332-3-22	Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A
EN 61034-2	Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements
PN-EN 60754-2	Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity
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- other standards and/or technical specifications:

No	Title
ZN-CB-03:2002	Fire resistant power cables screened or unscreened for rated voltage 300/500V type HDGs(ekwf), HLGs(ekwf)
EN 50200	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
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7. Additional information: **National Technical Assessment CNBOP-PIB-KOT-2021/0263-3701 e.2**

Trzyciąż, 21.06.2021

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