

EU Declaration of Conformity no. 219/B/12/2016
HDGs, HLGs FE 180 / PH 90; E30 ÷ E90
HDGsekwf, HLGsekwf FE 180 / PH 90; E30 ÷ E90

 1. Product:
 (product name, type, part, series)

 2. Manufacturer: **Cable Factory BITNER spółka z o.o. , 30-009 Kraków, 3/3 Józefa Friedleina Street**
Production plant: 32-353 Trzyciąż near Kraków 165

 (full name and address)

3. This Declaration of Conformity is issued under the sole responsibility of the manufacturer.

 4. Scope of Declaration: **Fire resistant, halogen free power cable:**
BITNER HDGs (HLGs) FE 180 / PH 90; E30 ÷ E90 300/500 V (2 ÷ 37) x (1,0 ÷ 10) mm²,
BITNER HDGsekwf (HLGsekwf) FE 180 / PH 90; E30 ÷ E90 300/500 V (2 ÷ 37) x (1,0 ÷ 10) mm²,

5. Scope of this Declaration stays in accordance with LVD 2014/35/UE 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
PN-EN 50525-2-83:2011E	Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) - Part 2-83: Cables for general applications - Multicore cables with crosslinked silicone rubber insulation
PN-EN 60332-1-2:2010	Tests on electric and optical fibre cables under fire conditions. Part 1-2: Test for vertical flame propagation for a single insulated wire or cable. Tested by burner with 1kW pre-mixed flame
PN-EN 60332-3-22:2009E	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
PN-EN 61034-2:2010	Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements
PN-EN 60754-2:2014-11E	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-03:2002 Wyd. 3	Power, halogen free, fire resistant cables with silicon-rubber insulation and sheathed with halogen free compound, rated 300/500V
PN-EN 50200:2006	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

7. Additional information:

- CNBOP Technical Approval CNBOP-PIB nr AT-0603-0057/2011/2016 Ed.3

Trzyciąż 30.12.2016

 Place and date of issue

ZAKŁADY KABLOWE BITNER

sp. z o.o.

Ul. Józefa Friedleina 3/3, 30-009 Kraków

Dyrektor ds. Rozwoju i Jakości


 Ireneusz Sasnowski

 name and signature