

ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV



ELECTROTECHNICAL TESTING INSTITUTE - CZECH REPUBLIC
ELEKTROTECHNISCHE PRÜFANSTALT - TSCHHECHISCHE REPUBLIK
INSTITUT ELECTROTECHNIQUE D'ESSAIS - RÉPUBLIQUE TCHÉQUE
ЭЛЕКТРОТЕХНИЧЕСКИЙ ИСПЫТАТЕЛЬНЫЙ ИНСТИТУТ - ЧЕШСКАЯ РЕСПУБЛИКА

Pod Lisem 129, 171 02 Praha 8 - Troja

CERTIFICATE

No.: 1150241

Product: Overvoltage protection

Type: Series P-k16

Rating: DC 12, 24, 48, 110 V; AC 230 V/ 50 Hz; Uoc= 6 kV

Ordering firm: HAKEL spol. s r. o.
Bratří Štefanů 980, 500 03 Hradec Králové, Slezské Předměstí, Czech Republic

Manufacturer: HAKEL spol. s r. o.
Bratří Štefanů 980, 500 03 Hradec Králové, Slezské Předměstí, Czech Republic

Trade mark:

The test results are stated in the test-report No.: 403263-01/01 of: 26.03.2015

A sample of the product was found to be in conformity with:
ČSN EN 61643-11 ed.2:13 cl. 7.1.1, 7.1.2, 8.2, 8.4.2.1, 8.3.1.1, 8.3.3.3, 8.3.3.2, 8.4.4, 8.5.5, 8.3.6, 8.3.7;

The validity of the certificate is limited to: 30.4.2018

8.4.2015

Prague

Miroslav Sedláček
Head of Certification Body



Stamp



403263-01



ELECTROTECHNICAL TESTING INSTITUTE
Pod Lisem 129
171 02 Praha 8 - Troja

No. of pages: 2
No. of annexes/No. of an. pages: -/-

No. of the Test Report: 403263-01/01

Issued: 26.3.2015



TEST REPORT

Name of product: Overvoltage protection
Type of product: Series P-k16
Ratings: DC 12 , 24, 48, 110 V; AC 230 V/ 50 Hz; Uoc=6 kV
Serial number: --
Manufacturer: **HAKEL spol. s r. o.,**
Bratří Štefanů 980, 500 03 Hradec Králové, Slezské
Předměstí, Czech Republic
Production site: --
Ordering firm: **HAKEL spol. s r. o.,**
Bratří Štefanů 980, 500 03 Hradec Králové, Slezské
Předměstí, Czech Republic
Number of tested samples: --
Samples submitted on: --
Location of testing: EZÚ
Tested from 23.3.2015 through 26.3.2015
Other data: Test Report EZÚ Ref. No. 103378-01/01
The product was tested according to: ČSN EN 61643-11 ed.2:13 cl. 7.1.1, 7.1.2, 8.2, 8.4.2.1, 8.3.1.1, 8.3.3.3, 8.3.3.2, 8.4.4, 8.5.2-5, 8.3.6, 8.3.7;

Compiled by:  Petra M. Slavková

Approved by:  Ing. František Nekola
Testing laboratory manager



Test results stated in the test report apply only to the tested subject and unless specified otherwise in the test report, the tests were performed using the method and under the conditions determined in the test regulations, technical norm, instructions for use and information provided by the manufacturer on the tested subject and using accessories required by the manufacturer.
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Name of product: Overvoltage protection
Type of product: Series P-k16
Ratings: DC 12 , 24, 48, 110 V; AC 230 V/ 50 Hz; Uoc=6 kV

The subject was certified by EZÚ with **Certificate Ref. No. 1110766** dated 25. 8. 2011 with corrigendum 2. 8. 2013 and **Test Report Ref. No. 103378-01/01** dated 18. 8. 2011.


Tested according to ČSN EN 61643-11:03 cl. 6, 6.1.1, 6.1.2, 7.2.2, 7.3, 7.3.2, 7.4, 7.4.1, 7.5, 7.5.4, 7.5.3, 7.9.2, 7.9.3, 7.9.4, 7.9.5, 7.9.6, 7.9.7, 7.9.8.

meet requirements of

DIN EN 61643-11(VDE 0675-6-11):2008-08 and IEC 61643-1:2005 (Second edition).

The standards used for testing were compared with the Czech versions of standards:

ČSN EN 61643-11 ed.2:13 cl. 7.1.1, 7.1.2, 8.2, 8.4.2.1, 8.3.1.1, 8.3.3.3, 8.3.3.2, 8.4.4, 8.5.2-5, 8.3.6, 8.3.7;

Compiled by: 
Date: 26. 3. 2015