

# CERTIFICATE

Issued to:  
Applicant:  
**ETI Elektroelement d.o.o.**  
**Obrezija 5**  
**1411 Izlake, Slovenia**

Licensee:  
**ETI Elektroelement d.o.o.**  
**Obrezija 5**  
**1411 Izlake, Slovenia**

Product : residual current operated circuit-breakers (RCCB)  
Trade name(s) : ETI  
Type(s)/model(s) : EFI-2 and EFI-4

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61008-1:2012, EN 61008-1:2012/A1:2014, EN 61008-1:2012/A2:2014, EN 61008-1:2012/A11:2015, EN 61008-2-1:1994 and EN 61008-2-1:1994/A11:1998
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 963600

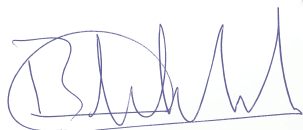
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 19 December 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-106707

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: residual current operated circuit-breakers (RCCB)
Trade name(s)	: ETI
Type(s)/model(s)	: EFI-2 and EFI-4
Design	: without integral overcurrent protection functionally independent of the line voltage
Rated current (In)	: 16 A, 25 A, 40 A, 63 A and 80 A
Rated residual current (I $\Delta$ n)	: 30 mA, 100 mA, 300 mA and 500 mA
Rated operational voltage (Ue)	: 230/240 Vac (1P+N) 400/415 Vac (3P+N)
Number of poles	: 1P+N (EFI-2) 3P+N (EFI-4)
Behaviour to d.c. components	: type A and AC
Time-delay	: no time-delay
Rated making and breaking capacity (Im)	: 800 A
Rated residual making and breaking capacity (I $\Delta$ m)	: 800 A
Rated conditional short-circuit capacity (Inc)	: 10 kA when provided with fuse-links type ETI NH 00 gG, 100 A
Rated conditional residual short-circuit current (I $\Delta$ c)	: 10 kA when provided with fuse-links type ETI NH 00 gG, 100 A
Safety distance ("a", grid)	: 35 mm
Method of mounting	: flush type, for mounting on top hat rail 35 mm
Terminals	: pillar type
Temperature limit	: -25 °C to +40 °C
Degree of protection	: IP20
Markings	: tradename and electrical ratings are shown on the body

**TESTS****Test requirements**

EN 61008-1:2012  
EN 61008-1:2012/A1:2014  
EN 61008-1:2012/A2:2014  
EN 61008-1:2012/A11:2015  
EN 61008-2-1:1994  
EN 61008-2-1:1994/A11:1998

**Test result**

The test results are laid down in DEKRA test file 223346700.

**Additional information**

This certificate replaces certificate No. 2131835.01 which we herewith declare invalid.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

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