

# CERTIFICATE

KEMA No.: 2123704.04



Issued to:  
Applicant:

**Hager Electro SAS**  
**132 Boulevard d'Europe**  
**67210, Obernai Cedex, France**

Product(s) : moulded case circuit breaker  
Trade name(s) : HAGER  
Type(s)/model(s) : h3 h400/...

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

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

- a type test according to the standard EN 60947-2:2006; IEC 60947-2:2006;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2123704

KEMA 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: 15 January 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood  
Managing Director

H.L. Schendstok  
Certification Manager

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



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

product	: moulded case circuit breaker
trade name(s)	: HAGER
type(s)	: h3 h400/HHD...*, h3 h400/HND...*
Model	: h3 h400/...
Number of poles	: 3 pole and 4 pole
Rated operational voltage(Ue)	: 240 Vac and 415 Vac
Rated insulation voltage (Ui)	: 800 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated operational current (Ie)	: 125 A to 400 A (fixed and adjustable)
Conventional thermal current (Ith)	: 125 A to 400 A
Rated short-circuit making capacity (Icm)	: See product data per type
Rated ultimate short-circuit breaking cap (Icu)	: See product data per type
Rated service short-circuit breaking cap (Ics)	: See product data per type
Rated short time withstand current (Icw)	: N/A
Rated frequency	: 50 Hz / 60 Hz
Suitability for isolation	: suitable
Utilization category	: A
Safety distance (screen-circuit breaker)	: 80 mm all sides
Inverse time delay release	: Yes (40°C and 50°C)
Instantaneous release setting	: 6 x In to 12 x In
Thermal Release Setting	: fixed and adjustable
Definite time delay release	: N/A
Time delay settings	: N/A
Ground fault release	: N/A
Electrical control circuits	: N/A
Degree of protection	: N/A
Method of installation	: fixed

**Additional information**

\* = country version designation A,B,C, ..., Y,Z.

**Product data - type h3 h400/HHD...\***

Number of poles : 3  
Rated ultimate short-circuit breaking capacity (Icu) : 240 V 35 kA;  
415 V 25 kA;  
Rated service short-circuit breaking cap (Ics) : 240 V 35 kA;  
415 V 25 kA;  
Rated short-circuit making capacity (Icm) : 240 V 73,5 kA;  
415 V 52,5 kA;

**Product data - type h3 h400/HND...\***

Number of poles : 3 or 4  
Rated ultimate short-circuit breaking capacity (Icu) : 240 V 85 kA;  
415 V 50 kA;  
Rated service short-circuit breaking cap (Ics) : 240 V 85 kA;  
415 V 50 kA;  
Rated short-circuit making capacity (Icm) : 240 V 187 kA;  
415 V 105 kA;

**TESTS****Test requirements**

EN 60947-2:2006  
IEC 60947-2:2006

**Test result**

The test results are laid down in KEMA test file 2123704.04.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : F.S. Strikwerda

Checked by : H.G.M. Kormelink

**Factory locations**

As laid down in KEMA test file 2123704.04