

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Circuit Breaker

with type designation(s)

E125B, E125E, E125H, E125S, E125C, EGB, EGE, EGH, EGS & EGC

Issued to

**Eaton Electrical
Moon Township, United States**

is found to comply with

Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

**Rated Voltage (V) 240 V AC, 415 V AC & 250 V DC
Rated Current (A) 16 - 125
Frequency (Hz) 50 - 60**

This Certificate is valid until **2019-06-30**.

Issued at **Høvik** on **2015-09-29**

DNV GL local station: **New York**

Approval Engineer: **Nicolay Horn**



for **DNV GL**

Digitally Signed By: **Sjåvåg, Trond**

Location: **DNV GL Høvik, Norway**

Signing Date: **2015-10-08**, on behalf of

**Marit Laumann
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Job Id: 262.1-017170-1
Certificate No: E-14285

Name and place of manufacturer

Cutler-Hammer Industries,
Park Industrial Itabo KM18, Arecibo Plant,
Carretera Sanchez, Haina

Product description

Technical info:

Product:	Moulded case circuit breakers
Types:	E125B, E125E, E125H, E125S, E125C, EGB, EGE, EGH, EGS and EGC
Number of poles:	3 and 4
Rated current (A):	16, 20, 25, 32, 40, 50, 63, 80, 100 and 125
Rated operational voltage:	240 and 415 V AC, 240 V DC
Rated insulation voltage:	500
Rated impulse withstand voltage Uimp:	6 kV
Rated frequency Hz:	50 - 60
Utilization category:	A
Max ambient temperature:	50 °C

Short circuit data:

	E125B EGB	E125E EGE	E125H EGH	E125S EGS	E125C EGC
Rated Short-circuit Service Breaking cap. Ics (kA)					
240V AC	25	35	50	43	200
415V AC	18	25	35	30	100
250V DC	10	10	42	35	42
Rated Ultimate short-circuit Breaking cap. Icu (kA)					
240V AC	25	35	100	85	200
415V AC	18	25	70	40	100
250V DC	10	10	42	35	42

Application/Limitation

Suitable for use in an IT system with a capacity of 1.2 times the maximum trip current at 415 V AC.

Type Approval documentation

Technical: "Specification of the Certified Product, Annex to KEMA- KEUR CERTIFICATE no. 2078407.04 issued 2005-09-06.

Test reports:


CQC Test report no. C009-CB2011CQC-033248 issued 2011-04-26.
KEMA test reports nos.: 2024331.50/51/52/53 issued 2003-04-22.
CLARK test report no.: EL8006 dated February 2006.

Tests carried out

Type tests according to IEC 60947-2, vibration test and damp heat test.

Marking of product

EATON/Cutler Hammer – E125B/E/H/S/C or EGB/E/H/S/C – Circuit-Breaker –Type data



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Periodical assessment

The scope of the the periodical assessment is to verify that the conditions stipulated for the type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the survey to be dealt with:

- Ensure that type approved documentation is available.
- Ensure that materials used comply with type approved documents and/or referenced material specifications.
- Review design, materials, performance and production process with respect to possible changes, in order to ensure compliance with the type approved documentation and/or referenced material specifications.
- Ensure traceability between manufacturer's product marking and the DNV Type Approval Certificate.

Assessment to be carried out at least every second year.

END OF CERTIFICATE