



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. E-8050
This Certificate consists of 3 pages

This is to certify that the
Circuit Breaker
with type designation(s)
E125B, E125E, E125H & E125S

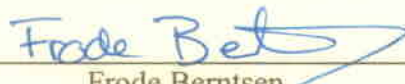
Holder of certificate
Eaton Corporation
PITTSBURGH, PA 15275, United States

is found to comply with
Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards

Application
Shall be installed and tested according to Det Norske Veritas' Rules for Ships and Mobile Offshore Units. The manufacturer's instruction to be observed.

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



Place and date
Høvik, 2006-12-06
for DET NORSKE VERITAS AS


Frode Berntsen
Head of Section



Local Office
DNV New York

This Certificate is valid until
2010-12-31


Nicolay Horn
Surveyor 

Notice: 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.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million in this provision 'Det Norske Veritas' shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: E-8050

File No.: 823.10

Name and place of manufacturer

Cutler-Hammer De Puerto Rico,
Santa Industrial Park, Arecibo Plant,
Arecibo, Puerto Rico

Product description**Technical info:**

Product:	Moulded case circuit breakers
Types:	E125B, E125E, E125H and E125S
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	E125E	E125H	E125S
Rated Short-circuit Service Breaking cap. Ics (kA)				
240V AC	25	35	50	43
415V AC	18	25	35	30
250V DC	10	10	42	35
Rated Ultimate short-circuit Breaking cap. Icu (kA)				
240V AC	25	35	100	85
415V AC	18	25	70	40
250V DC	10	10	42	35

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:
KEMA test reports nos.: 2024331.50/51/52/53 issued 2003-04-22.
CLARK test report no.: EL8006 dated February 2006.



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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 – Circuit-Breaker –Type data

Certificate retention survey

The scope of the retention/renewal survey 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.

Survey to be carried out at least every second year.

END OF CERTIFICATE