

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Circuit Breaker**with type designation(s)
WISKA-MCCB

Issued to

Eaton Industries GmbH
Bonn, Nordrhein-Westfalen, Germany

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.****Rated voltage (V) 525****Rated current (A) 25 - 32**Issued at **Hamburg** on **2019-01-07**This Certificate is valid until **2024-01-06**.DNV GL local station: **Essen**for **DNV GL**Approval Engineer: **Harald Amberger**

Arne Schaarmann
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.



Product description

Motor protection moulded case circuit breaker with optional current limiter CL-PKZ0

Technical data:

Types	WISKA-10	WISKA-25	WISKA+ CL-PKZ0
Rated insulation voltage AC (V):	690	690	690
Rated operational voltage AC (V):	525	525	525
Rated lighting impulse voltage (kV):	6	6	6
Rated current (A):	25 to 32	25 to 32	63
Rated frequency (Hz):	50 and 60	50 and 60	50 and 60
Rated breaking capacity 400V Ics (kA):	3	3	50
Rated breaking capacity 440V Ics (kA):	3	3	50
Rated breaking capacity 500V Ics (kA):	3	3	-
Rated breaking capacity 400V Icu (kA):	50	50	100
Rated breaking capacity 440V Icu (kA):	10	25	100
Rated breaking capacity 500V Icu (kA):	6	6	-

Application/Limitation

Location Classes:

Temperature: C, Humidity: B, Vibration: A, EMC: B

Fuse protection according to Eaton Industries GmbH product information

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

Type tests according to: IEC/ EN 60947-1, IEC / EN 60947-2 (including Annex H for IT systems), IEC / EN 60947-4-1, IEC / EN 60947-5-1 and environmental tests: Temperature, Humidity & Vibration.

Marking of product

Eaton Industries GmbH - Product designation - Nominal voltage - Current

Job Id: **262.1-003380-4**
Certificate No: **TAE00002NE**

Periodical assessment

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

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE