DNV·GL

Certificate No:
TAE00003BK

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Contactor Relay

with type designation(s)
MCZ Series

Issued to
Weidmüller Interface GmbH & Co. KG
Detmold, 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.

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.

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Product description

MCZ Series – relay modules

Type	MCZ R 24VDC	MCZ R 24VDC Au	MCZ R 24VUC	MCZ R 230VAC
Input:				
Rated voltage	24VDC	24VDC	24VAC/DC	230VAC
Rated current	6,3mA	6,3mA	10,8 / 6,1mA	9,5mA
Output:	1 Change over contact			
Contact material	AgSnO	5µ Au	AgSnO	AgSnO
Rated voltage	Max. 300VDC / 400VAC			
Rated current	AC 6A			
Rated power	1500VA			

Application/Limitation

Location Classes:
Temperature: B, Humidity: B, Vibration: A

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

GL Guidelines for the Performance of Type Approvals Part 2: 2012

Marking of product

Weidmüller - Type designation - Main data.

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