

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Terminal Block

with type designation(s)
MOS...

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 **2018-09-17**

This Certificate is valid until **2023-09-16**.

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

Type	Control voltage range	Switching voltage range	Max. switching current
MOS 24VDC/12-300VDC 1A	24VDC $\pm 20\%$	12 – 300VDC	1A
MOS 5VTTL/5-48VDC 0.1A	4.75 – 5.25VDC	5 – 48VDC	100mA
MOS 24VDC/5 V TTL	12 – 28VDC	4.75 – 5.25VDC	25mA
MOS 24VDC/5-33VDC 10A	24VDC $\pm 20\%$	5 – 33VDC	10A
MOS 24VDC/8-30VDC 2A	24VDC $\pm 20\%$	8 – 30VDC	2A
MOS 24VDC/5-48VDC 0.5A	24VDC $\pm 20\%$	5 – 48VDC	500mA
MOS 12-28VDC 100kHz	12 – 28VDC	19.6 – 28.8VDC	50mA

Further ratings acc. manufacturer documentation

Application/Limitation

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

Operating instruction of the manufacturer to be observed

Type Approval documentation

Tests carried out

Cold, dry heat, damp heat, vibration, flame retardancy and EMC.

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