



## Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Rittal GmbH &amp; Co. KG</b>
<b>Address</b>	Auf dem Stuetzelberg, Herborn, 35745, Germany
<b>Place of Production</b>	RITTAL RGS GmbH Rittal Großschaltschränke, Siegener Straße 31, Dietzhöhlzal-Rittershausen, 35716, Germany
<b>Place of Production</b>	Rittal Hof GmbH & CO. KG Industriestraße 24, Hof, 56472, Germany
<b>Type</b>	Enclosure Systems
<b>Description</b>	Empty sheet steel and stainless steel cabinets
<b>Trade Name</b>	AX Compact enclosure, KX Terminal box, KX E-Box, KX Bus enclosure
<b>Application</b>	Marine, offshore and industrial use
<b>Specified Standard</b>	DIN EN 60529:2014 and IEC/EN 62208: 2012
<b>Ratings</b>	see appendix
<b>Other Conditions</b>	Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/

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or surveyed to be installed in ships classed or intended to be classed with LR

If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** LR2002375TA-01

The Design Appraisal Document TSO/25-029312/CW/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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## Appendix

### AX Compact enclosure

Degree of protection: IP 66, IP 55 (with double doors)

#### Dimensions

##### Sheet steel:

Width: 300 up to 1200 mm

Height: 300 up to 1400 mm

Depth: 210 up to 400 mm

##### Stainless steel:

Width: 300 up to 1000 mm

Height: 300 up to 1200 mm

Depth: 210 up to 300 mm

### KX Terminal box

Degree of protection: IP 66, IP 55 (with gland plate)

#### Dimensions

##### Sheet steel:

Width: 150 up to 800 mm

Height: 150 up to 400 mm

Depth: 80 or 120 mm

##### Stainless steel:

Width: 150 up to 400 mm

Height: 150 up to 300 mm

Depth: 80 or 120 mm



## KX E-Box

Degree of protection: IP 66

### Dimensions

Sheet steel:

Width: 150 up to 380 mm

Height: 150 up to 800 mm

Depth: 80 up to 155 mm

Stainless steel:

Width: 200 up to 380 mm

Height: 300 mm

Depth: 150 up to 155 mm

## KX Bus enclosure

Degree of protection: IP 66, IP 65 (with viewing window)

### Dimensions

Sheet steel:

Width: 400 up to 800 mm

Height: 200 or 300

Depth: 155 mm

Stainless steel:

Width: 200 up to 600 mm

Height: 200 or 300 mm

Depth: 80 or 120 mm