

TYPE APPROVAL CERTIFICATE No. ELE207015PU/003

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

Description Contactor and thermal overload relay

Type MT-12/32/63/95/150/225/400/800

Applicant LSIS CO., LTD. CHEONG JU PLANT

95, BAEKBONG-RO, HEUNGDEOK-GU,

28439 CHEONGJU-SI, CHUNGCHEONGBUK-DO

REPUBLIC OF KOREA

Manufacturer LSIS CO., LTD. CHEONG JU PLANT

Place of manufacture 95, BAEKBONG-RO, HEUNGDEOK-GU,

28439 CHEONGJU-SI, CHUNGCHEONGBUK-DO

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Reference standards IEC 60947-4-1

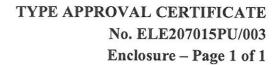
Issued in BUSAN on October 30, 2015. This Certificate is valid until October 29, 2020

RINA Services S.p.A.

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This certificate consists of this page and 1 enclosure.

This certificate annuls and replaces previous certificate No. ELEO28310PU/003 dated October 30, 2010.





MT-12/32/63/95/150/225/400/800

Product Description

• Thermal Overload Relay METASOL type applicable to the marine environment with following rating:

Туре	Rated Insulation Voltage Ui [V]	Setting Range [A]	Reference Document
MT-12	690	0.1 ~ 18	LSIS PT&T Test Report No. R410-1291 dated 24/08/2010
MT-32	690	0.1 ~ 40	LSIS PT&T Test Report No. R410-1292 dated 24/08/2010
MT-63	690	4 ~ 65	LSIS PT&T Test Report No. R410-1293 dated 24/08/2010
MT-95	690	7 ~ 100	LSIS PT&T Test Report No. R410-1294 dated 24/08/2010
MT-150	690	34 ~ 150	LSIS PT&T Test Report No. R410-1295 dated 24/08/2010
MT-225	690	65 ~ 240	LSIS PT&T Test Report No. R410-1296 dated 24/08/2010
MT-400	690	85 ~ 400	LSIS PT&T Test Report No. R410-1297 dated 24/08/2010
MT-800	690	200 ~ 800	LSIS PT&T Test Report No. R410-1298 dated 24/08/2010

Marking: MT-XX / □ XX : Frame Size

□: 2H-Non-differential(2 heater), 3H-Non-differential(3 heater), 3K-Differential, 3D-Class 20

Number of poles: 3

Method of operation : Thermal (Bi-metal)

Reference Documents

LSIS PT&T Test Report No. R410-1291~1298 dated 25/08/2010
 KEMA Test Certificate No. 2123631.53/54/55/56 dated 19/08/2009
 KEMA Test Certificate No. NL-31652/A1 dated 26/06/2014
 Asbestos free declaration: LSIS's letter dated 12 August 2015
 LSIS PT&T Test Report No. R415-2022/2023/2024 dated 08~09/09/2015

Note/Remark

- The product is subject to the compliance with RINA Rules and other Standards mentioned on certificate.
- Type Approval certifies that a representative sample of the product has been found to meet the applicable design criteria.
- Any modification or change shall not be valid until approval is granted by RINA as a result of due assessment.

* This certificate annuls and replaces previous certificate No. ELE028310PU/003 dated October 30, 2010.

BUSAN October 30, 2015

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