Certificate No: LR23179429TA
Issue Date: 04/09/2023
Expiry Date: 03/09/2028

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.

Manufacturer	**Tyco Electronics UK Ltd**
Address	Crompton Instruments, Freebournes Road, Witham, CM8 3AH, United Kingdom
Place of Production	Rishabh Instruments PVT Limited F-31 MIDC, Satpur, Nashik, Maharashtra, 422007, India
Type	Recording And Indicating Instruments
Description	Eurodin series frequency meters for panel mounting
Trade Name	E242, E243 AND E244
Application	Marine, offshore and industrial use in environmental categories ENV1 and ENV2 as described in Lloyd's Register Type Approval System, Test Specification Number 1 - July 2015.
Specified Standard	BS EN 60051-1: 2017 DIN 43700

Ratings

Instrument	Range	Class
Frequency meter	45/55Hz	0.5
	55/65Hz	0.5
	45/65Hz	0.5
	360/400Hz	0.5

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Michael Hickey

Electrical & Control - Senior Specialist to
Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Ratings: 100-125V, 200-250V, 380-440V, 500V

Additional Tests	Enclosure:	BS EN 60529	IP 52 (IP 54 on request)
	EMC:	BS EN 61326:2013	Industrial Environment
		BS EN 55032:2015	
		BS EN 50561-1:2013	Class B

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: 03/00057(E3)

The Design Appraisal Document LR23179429TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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