

Type Approval Certificate Extension

This is to certify that Certificate No. 03/00013(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER

Finder SpA

PLACE OF

Via Drubiaglio, 14

PRODUCTION

10040 Almese (Turin)

Italy

DESCRIPTION

Modular step relays

TYPES

20 Series

APPLICATION

Environmental category ENV 3

STANDARD

LR Test Specification No. 1, 2002

RATINGS

20.21, 20.22, 20.23, 20.24, 20.26, 20.28

16A, 250V ac

"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."

The attached Design Appraisal Document No. 03/00013(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 03/00013(E1) to which this extension should be attached.

Certificate No.

03/00013(E2)

Issue Date

29 July 2013

Expiry Date

26 January 2018

Sheet

1 of 1

R.M. Kelkar

Marine Technology & Engineering Services, London Lloyd's Register EMEA

Lloyd's Register EMEA 71 Fenchurch Street, London EC3M 4BS

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Lloyd's Register EMEA (London Office)

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Document number 03/00013(E2)	
Issue number 1	

DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications			
29 July 2013	MTES/ETS/RMK/WP13784177/W03366312			

LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.

Issued to: FINDER SPA for: MODULE STEP RELAYS 20 SERIES TYPE APPROVAL CERTIFICATE No. 03/00013(E2)

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Request form	06.03.2013
LR Genoa Email	09.04.2013
LR Genoa Email	23.05.2013

TEST REPORTS

LR Inspection and Surveillance of Production Facilities Report

01.07.2013

Also all the documentation listed on Design Appraisal Document associated with Type Approval Certificate No. 03/00013(E1)

Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.

R. M. Kelkar

Marine Technology & Engineering Services, London

Lloyd's Register EMEA

One

Part 2 Relays - Magnetic (Part 2)

		Cert. No.	03/00013(E2)
		Remarks	Expires: 26 January 03/00013(E2) 2018
	Category/	Additional Tests	ENV3 (2002)
	Thermal	Operational Operating Time Current Ith Voltage Current Ie Constant Amperes Ue Amperes Secs.	
		g Time e Constant	
gu	D.C.	Operating Current I Amperes	
Contact Rating		Operationa Voltage Ue	
	Utilization A.C. (50/60Hz)	Power Factor	
		Operating Current Amperes	16
		Operational Voltage Ue	250
	Utilization	Category	
		Standard	
		Type	Series 20 modular step relays: 20.21, 20.22, 20.23, 20.24, 20.26, 20.28
	Producer/	Licence No.	Finder SpA, Via Drubiaglio, 14, 10040 Almese (Turin), Italy.