

Type Approval Certificate Extension

This is to certify that Certificate No. 03/00015(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER

Finder SpA

PLACE OF

Via Drubiaglio, 14 10040 Almese (Turin)

Italy

DESCRIPTION

PRODUCTION

General purpose relays

TYPES

60 Series

APPLICATION

Environmental category ENV 3

STANDARD

LR Test Specification No. 1, 2002

EN 61810-1:2008

RATINGS

60.12-0200, 60.13-0200

6A, 250 V ac

60.12, 60.13, 60.32, 60.33, 60.42, 60.43, 60.62, 60.63, 60.72, 60.73

10A, 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. 03/00015(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 03/00015(E1) to which this extension should be attached.

Certificate No.

03/00015(E2)

Issue Date

29 July 2013

Expiry Date

26 January 2018

Sheet

1 of 1

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

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

Lloyd's Register EMEA Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's Register EMEA (London Office)

Marine Technology & Engineering Services 71 Fenchurch Street, London, EC3M 4BS Telephone 020 7709 9166 Fax 020 7488 4796 Email tad@lr.org

Page 1 of 1	
Document number 03/00015(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: 60 SERIES GENERAL PURPOSE RELAYS TYPE APPROVAL CERTIFICATE No. 03/00015(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. 03/00015(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.

PP R. M. Kelkar

-tosta

Marine Technology & Engineering Services, London

Lloyd's Register EMEA

Part 2 Relays - Magnetic (Part 2)

							Contact Rating	+A					
Producer/			Utilization		A.C. (50/60Hz)			D.C.		Thermal	Category/		
Licence No.	Туре	Standard Category Operational Operating Voltage Current Ue Amperes	Category	Operational Voltage Ue	Operating Current Amperes	Power Factor	Operational Operating Time Current lth Voltage Current le Constant Amperes Ue Amperes Secs.	Operating Current le Co Amperes	Time Constant Secs.	Current Ith Amperes	Additional Tests	Renarks	Cert. No.
Finder SpA, Via Drubiaglio, 14, 10040 Almese (Turin), Italy.	Series 60 general purpose relays:										ENV3 (2002) EN 61810-1:2008	Expires: 26 January 2018	03/00015(E2)
,	60.12-0200, 60.13-0200			250	9								
	60.12, 60.13, 60.32, 60.33, 60.42, 60.43, 60.62, 60.63, 60.72, 60.73			250	10					in the second			