




Type Approval Certificate

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

This certificate is issued to:

PRODUCER	Finder SpA
PLACE OF PRODUCTION	Via Drubiaglio, 14 10040 Almese (TO) Italy
DESCRIPTION	2 and 4 Pole Contactor
TYPE	22 Series Modular Contactors 22.32 2 Pole 22.34 4 Pole 22 Series Auxiliary Modules 022.33 022.35
APPLICATION	Environmental category ENV2 as defined in LR Type Approval System Test Specification No. 1 - 2002 where the Test Specification is satisfactory for the intended operation.
ADDITIONAL TEST	Electrical durability (30,000 cycles) as per Annex C of IEC 60947-5-1
STANDARD	IEC 60947-5-1:2003 +A1:2009 IEC 61095:2009

Certificate No.	11/00020
Issue Date	9 May 2011
Expiry Date	8 May 2016
Sheet	1 of 2


Stuart Carpenter
London Design Support Office
Lloyd's Register EMEA

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RATINGS
Main Contactor

Rated Voltages: 250/440V a.c.

Type	Standard	Utilization Category	Rated Operational Current A	Rated Thermal Current A
			A.C. 250/440V	
22.32	IEC 61095	AC-7a	25	25
22.34		AC-7b	25	25
		AC-7c		

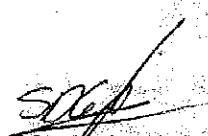
Auxiliary

Type	Standard	Utilization Category	Rated Operational Current A	Rated Thermal Current A
			A.C. 230V	
022.33	IEC 60947-5-1	AC-15	3	6
022.35				

"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 Design Appraisal Document No. 11/00020 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 11/00020
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Sheet 2 of 2


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Document number 11/00020
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 9 May 2011	Quote this reference on all future communications LDSO/ETS/TA/SC/WP5166927
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LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.
Issued to: FINDER SPA
for: 22 SERIES MODULAR CONTACTORS
Types: 22 .32, 22.34 (Main) and 022.33 and 022.35 (Auxiliary)
TYPE APPROVAL CERTIFICATE No. 11/00020

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

Approval Services Request for Quotation	6 Dec 2010
IMQ Approval Certificate (022.33 and 022.35)	29 Sept 2010
IMQ Approval Certificate (22 Series)	29 Sept 2010
LR Milan Surveillance Report MLN1190017	22 March 2011
ISO 9001 Certificate	31 Jan 2011

Data Sheet

Data Sheet Series 22	Undated
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TEST REPORTS

IMQ Type Test Report 02LK00062	2 Sept 2010
IMQ Type Test Report CV02AK00008	23 June 2010
IMQ Type Test Report CV02AK00008/1	23 June 2010
Finder Laboratory Test Report 000-RINA (Index)	6 Oct 2010
Finder Laboratory Test Report 001-RINA - No7	5 Oct 2010
Finder Laboratory Test Report 002-RINA - No7	2 Oct 2010
Finder Laboratory Test Report 003-RINA - No7	29 Sept 2010
Finder Laboratory Test Report 004-RINA - No7	5 Oct 2010
Finder Laboratory Test Report 005-RINA - No7	6 Oct 2010

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.



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Supplementary Type Approval Terms and Conditions(cont)

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.

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**Part 2
Contactors (Part 2)**

Producer/Licence No.	Type	Rating 3 phase, 50/60Hz a.c.					Category Additional Tests	Remarks	Cert. No.
		Standard	Utilisation Category	Operational Voltage Ue	Operational Current Ie Amperes	Thermal Current Ith Amperes			
Finder SpA, Via Drubiaglio, 14, 10040 Alnese (TO), Italy.	2 and 4 Pole Contactor						ENV2 (2002)	Expires: 8 May 2016	11/00020
	Type: 22 Series Modular Contactors								
	22.32 22.34	AC-7a AC-7b AC-7c	250/440	25	25	Electrical durability (30,000 cycles) as per Annex C of IEC 60947-5-1			
	022.33 022.35	AC-15	250/440	3	6				

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Lloyd's Register EMEA
London Office
Registrar

**Part 2
Contactors (Part 2)**

Producer/Licence No.	Type	Rating 3 phase, 50/60Hz a.c.					Category Additional Tests	Remarks	Cert. No.
		Standard	Utilisation Category	Operational Voltage Ue	Operational Current Ie Amperes	Thermal Current Ith Amperes			
Finder SpA Via Drubiaglio, 14 10040 Alnese (TO) Italy	2 and 4 Pole Contactor Type: 22 Series Modular Contactors						ENV2 (2002) Electrical durability (30,000 cycles) as per Annex C of IEC 60947-5-1	Expires: 2016	
	22.32 22.34	AC-7a AC-7b AC-7c	250/440	25	25				
	022.33 022.35	AC-15	250/440	3	6				
		IEC 61095							
		IEC 60947-5-1 :2003 +A1:2009							

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