



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.

This certificate supersedes certificate number 07/00002 (E2) issued on 16.06.2015 which is hereby cancelled.

This certificate is issued to:

PRODUCER

Schneider Electric Industries SAS
31 Rue Pierre Mendes France
38050 Grenoble Cedex 9
France

DESCRIPTION

3-pole thermal overload relay and accessories

TYPE

TeSys LRD

LR①②③

① = Load

D - Balanced load, differential type, sensitive to phase lossing

3D - Unbalanced load, non-differential type, non-sensitive to phase lossing

② = Thermal trip setting range suffix

③ = Type of terminal connection (power/control)

None - Screw/screw

3 - Spring/spring (not for LRD 32 and LRD 35)

6 - Ring lugs/ring lugs

Certificate No.

17/20028

Issue Date

20 March 2017


Expiry Date

27 January 2022

Sheet

1 of 4

Thorsten Wolff
Hamburg Technical Support Office




Lloyd's Register

Lloyd's Register EMEA

LR031.1.2013.12

Thorsten Wolff
Hamburg Technical Support Office
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



Accessories:

LAD 7B106	terminal block for clip mounting LRD 01 - 35 and LR3D 01 - 35
LAD 7C1	Pre-wiring kit of relay N/C contact for LRD 01 - 35 and LR3D 01 - 35 to the contactor
LAD 7C2	Pre-wiring kit of relay N/C contact for LRD 01 - 35 and LR3D01 - 35 to the contactor
LAD 703④	Remote stop or electrical reset device

④ = Control circuit voltage

J -	12 V dc
B -	24 V dc, 24 V ac/ 50/60 Hz
E -	48 V dc, 48 V ac/ 50/60 Hz
DD -	96 V dc
F -	110 V dc, 110 V ac/ 50/60 Hz
M -	220/230 V dc, 220/230 V ac/ 50/60 Hz
Q -	380/440 V ac/ 50/60 Hz
N -	415/440 V ac/ 50/60 Hz

APPLICATION

Marine, offshore and industrial use in environmental categories ENV1, ENV2 and ENV3 as described in Lloyd's Register Test Specification No. 1: 2002.

STANDARD

IEC 60947-4-1:2009 + A1:2012
EN 60947-5-1:2004 + A1:2009

Certificate No.

17/20028

Issue Date

20 March 2017

Expiry Date

27 January 2022

Sheet

2 of 4

Thorsten Wolff
Hamburg Technical Support Office



Lloyd's Register EMEA



Lloyd's Register

LR031.1.2013.12

Thorsten Wolff
Hamburg Technical Support Office
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



RATINGS

Thermal Relay Setting Range [A]	Suffix	Rated Insulation Voltage (Ui) [V]	Tripping Class
0,10 - 0,16	01	690	10 A
0,16 - 0,25	02	690	10 A
0,25 - 0,40	03	690	10 A
0,40 - 0,63	04	690	10 A
0,63 - 1	05	690	10 A
1 - 1,6	06	690	10 A
1,6 - 2,5	07	690	10 A
2,5 - 4	08	690	10 A
4 - 6	10	690	10 A
5,5 - 8	12	690	10 A
7 - 10	14	690	10 A
9 - 13	16	690	10 A
12 - 18	21	690	10 A
16 - 24	22	690	10 A
23 - 32	32	690	10 A
30 - 38	35	690	10 A

Certificate No. 17/20028
Issue Date 20 March 2017
Expiry Date 27 January 2022
Sheet 3 of 4

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA
LR031.1.2013.12




Thorsten Wolff
Hamburg Technical Support Office
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

PLACE OF PRODUCTION

Schneider Electric France
6-8 Rue du Bailly
BP 97812-21078 Dijon Cedex,
France

Schneider (Thailand) Ltd.
540 Soi 9 Bangpoo Industrial Estate
Sukhumvit Road
Muang District
10280 Samutprakarn
Thailand

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

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ETS 34985-17 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 17/20028
Issue Date 20 March 2017
Expiry Date 27 January 2022
Sheet 4 of 4

Thorsten Wolff
Hamburg Technical Support Office
Lloyd's Register EMEA
LR031.1.2013.12



Thorsten Wolff
Hamburg Technical Support Office
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.