Ref. Certif. No.

FR_721265

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	**Thermal overload relay**
Name and address of the applicant	**SCHNEIDER ELECTRIC INDUSTRIES SAS** 35, rue Joseph Monier 92500 RUEIL-MALMAISON - FRANCE
Name and address of the manufacturer	**SCHNEIDER ELECTRIC INDUSTRIES SAS** 35, rue Joseph Monier 92500 RUEIL-MALMAISON - FRANCE
Name and address of the factory	**Schneider (Thailand) limited** 540 SOI 9 Bangpoo Industrial Estate, Sukhumvit Road, Muang District, SAMUTPRAKARN 10280 - THAILAND
Note: *When more than one factory, please report on page 2*	☐ Additional Information on page 2
Ratings and principal characteristics	See Annex
Trademark / Brand (if any)	Schneider Electric
Customer's Testing Facility (CTF) Stage used	/
Model / Type Ref.	LRDxxLx / LR3DxxLx See Annex
Additional information (if necessary may also be reported on page 2)	☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-1:2020 IEC 60947-4-1:2023 IEC 60947-5-1:2024
As shown in the Test Report Ref. No. which forms part of this Certificate	25119Y90010-01 25119Y90010-02

This CB Test Certificate is issued by the National Certification Body

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr

Date: 20/03/2025

Signature: Julien GAUTHIER
Certification Officer

LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES S.A.S au capital de 15.745.984 € 33 avenue du Général Leclerc 92260 FONTENAY-AUX-ROSES

ANNEX

References, ratings and main characteristics:

Model reference	Ie	Model reference	Ie
LRD04L/ LR3D04L LRD04L6/ LR3D04L6	0,4-0,63A	LRD12L/ LR3D12L LRD12L6/ LR3D12L6	5,5 – 8 A
LRD05L/ LR3D05L LRD05L6/ LR3D05L6	0,63 – 1 A	LRD14L/ LR3D14L LRD14L6/ LR3D14L6	7 – 10 A
LRD06L/ LR3D06L LRD06L6/ LR3D06L6	1 – 1,6 A	LRD16L/ LR3D16L LRD16L6/ LR3D16L6	9 – 13 A
LRD07L/ LR3D07L LRD07L6/ LR3D07L6	1,6 – 2,5 A	LRD21L/ LR3D21L LRD21L6/ LR3D21L6	12 – 18 A
LRD08L/ LR3D08L LRD08L6/ LR3D08L6	2,5 – 4 A	LRD22L/ LR3D22L LRD22L6/ LR3D22L6	17 – 24 A
LRD10L/ LR3D10L LRD10L6/ LR3D10L6	4 – 6 A	LRD32L/ LR3D32L LRD32L6/ LR3D32L6	23 – 32 A

Number of poles	3P
Method of operation	Thermal
Rated frequency	50/60Hz
Rated operational voltage Ue (V)	Max 690Vac
Rated insulation voltage: Ui (V)	690Vac
Rated impulse withstand voltage Uimp (kV)	6kV
Rated operational current Ie (A)	See above table
Trip class	Class 20
Rated prospective short-circuit current "r" (kA)	1kA, 3kA
Rated conditional short-circuit current Iq (kA)	80kA/440Vac Same as current 'r' at 690Vac
Type of co-ordination	Type 2
Auxiliary contact	2 (integrated contacts) 1 NO and 1 NC Ith : 5A AC-15: Ue/Ie: 120V/3A, 500V/0,72A, 600V/0,12A, 690V/0,09A DC-13: Ue/Ie: 125V/0,22A, 440V/0,06A

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F - 92266 FONTENAY AUX ROSES

ANNEX

Type explanation

LRD	xx	L	x
I	II	III	IV

I –	Designates Basic Model LRD: Differential Type (Sensitive to phase losing) LR3D: Non differential (Non sensitive to phase losing)
II –	Suffix — Designates thermal trip setting range (A) 04 — 0,4 – 0,63 A 05 — 0,63 – 1 A 06 — 1 – 1,6 A 07 — 1,6 – 2,5 A 08 — 2,5 – 4 A 10 — 4 – 6 A 12 — 5,5 – 8 A 14 — 7 – 10 A 16 — 9 – 13 A 21 — 12 – 18 A 22 — 17 – 24 A 32 — 23 – 32 A
III –	Tripping Class L : class 20
IV-	Designates Type of terminal (Power/control) None – Screws/ screws 6- ring lugs connector/ ring lugs connector

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