



Ref. Certif. No.

FR\_707024

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**  
31 rue Pierre Mendès-France  
38320 EYBENS-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)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

LRDxyy, LR3Dxyy series

xx = 01, 02, 03, 04, 05, 06, 07, 08, 10, 12, 14, 16, 21, 22, 32, 35.  
y= none for screw terminals ;  
y= 3 for spring terminals (except xx=32 and xx=35)  
y= 6 for ring lug terminals  
see Annex

Additional information (if necessary may also be reported on page 2)

Auxiliary contacts comply with IEC 60947-5-1 :2016

Supersedes CBTC FR 659446B/A1 dated 09/03/2015. Update further to the evolution of the standard(s)

 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-4-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

129163-659446B-Cr150306, 1911990012

This CB Test Certificate is issued by the National Certification Body

LCIE – Laboratoire Central des Industries Electriques  
33, avenue du Général Leclerc – BP8  
FR 92 266 Fontenay aux Roses Cedex  
[www.lcie.fr](http://www.lcie.fr)

Date: 29/11/2019

LABORATOIRE CENTRAL DES  
INDUSTRIES ELECTRIQUES  
S.A.S au capital de 15.745.984 €  
RCS Nanterre B 408 363 174  
33 avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSESSignature:   
Julien GAUTHIER  
Certification Officer

## ANNEX 1

References, ratings and main characteristics:

References	<p><b>References with screw terminals:</b> LRD01, LRD02, LRD03, LRD04, LRD05, LRD06, LRD07, LRD08, LRD10, LRD12, LRD14, LRD16, LRD21, LRD22, LRD32, LRD35, LR3D01, LR3D02, LR3D03, LR3D04, LR3D05, LR3D06, LR3D07, LR3D08, LR3D10, LR3D12, LR3D14, LR3D16, LR3D21, LR3D22, LR3D32, LR3D35</p> <p><b>References with spring terminals:</b> LRD013, LRD023, LRD033, LRD043, LRD053, LRD063, LRD073, LRD083, LRD103, LRD123, LRD143, LRD163, LRD213, LRD223, LR3D013, LR3D023, LR3D033, LR3D043, LR3D053, LR3D063, LR3D073, LR3D083, LR3D103, LR3D123, LR3D143, LR3D163, LR3D213, LR3D223</p> <p><b>References with ring terminals:</b> LRD016, LRD026, LRD036, LRD046, LRD056, LRD066, LRD076, LRD086, LRD106, LRD126, LRD146, LRD166, LRD216, LRD226, LRD326, LRD356, LR3D016, LR3D026, LR3D036, LR3D046, LR3D056, LR3D066, LR3D076, LR3D086, LR3D106, LR3D126, LR3D146, LR3D166, LR3D216, LR3D226, LR3D326, LR3D356</p>
Rated operational current (Ie )	0,1-0,16A, 0,16-0,25A, 0,25-0,4A, 0,4-0,63A, 0,63-1A, 1-1,6A, 1,6-2,5A, 2,5-4A, 4-6A, 5,5-8A, 7-10A, 9-13A, 12-18A, 16-24A, 23-32A, 30-38A
Trip class	10A
Dependent of previous load	Yes
Compensated for ambient temperature	Yes
Sensitive to phase loss	LRD series: Yes; LR3D series : No
Terminals	Screw, Spring, ring-lug
<b>Main circuit</b>	
Kind of current	AC
Rated frequency	50/60Hz
Number of poles	3
Rated operational voltage Ue	690VAC
Rated insulation voltage Ui	690V
Rated impulse withstand voltage Uimp	6kV
<b>Auxiliary circuit</b>	
Conventional free air thermal current Ith	5A
Number of circuits	2
Number and kind of contact elements	1NC ,1NO
Rated insulation voltage Ui	690V
Rated impulse withstand voltage Uimp	6kV
Rated frequency	50/60Hz
Utilization category	AC-15,DC-13
Ie/Ue	AC-15: 3A/120VAC, 0,72A/500VAC, 0,12A/600VAC, 0,09A/690VAC DC-13: 0,22A/125VDC , 0,06A /440VDC



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