



Ref. Certif. No.

FR\_707035

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 ELECTRIC FRANCE  
6 - 8 rue du Bailly, BP 97812-21078 DIJON Cedex- FRANCE

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

See annex 1

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

LRDxxy, LR3Dxxy 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 1

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

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

Supersedes CBTC FR 659446A/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

129163-659446A-Cr150306, 1911990011

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)



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 ROSES

Signature:   
Julien GAUTHIER  
Certification Officer

Date: 29/11/2019

## 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



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)



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 ROSES

Signature: Julien GAUTHIER  
Certification Officer

Date: 29/11/2019