



Ref. Certif. No.

FR 659446A/A1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE / CERTIFICAT D'ESSAI OC**Product
Produit

Thermal overload relay

Name and address of the applicant
Nom et adresse du demandeur**SCHNEIDER ELECTRIC INDUSTRIES SAS**
35, rue Joseph Monier - 92500 RUEIL MALMAISON - FranceName and address of the manufacturer
Nom et adresse du fabricant**SCHNEIDER ELECTRIC INDUSTRIES S.A.**
6-8 rue du Bailly BP 97812 - 21078 DIJON Cedex - FranceName and address of the factory
Nom et adresse de l'usine**SCHNEIDER ELECTRIC INDUSTRIES S.A.**
6-8 rue du Bailly BP 97812 - 21078 DIJON Cedex - FranceNote : When more than one factory, please report on page 2
Note : Lorsqu'il y a plus d'une usine, veuillez utiliser la 2ème pageRatings and principal characteristics
Valeurs nominales et caractéristiques principales

see annex 1

Trademark (if any)
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

WMT

Model / Type Ref.
Ref. De typeLRD and LR3D series
see annex 1Additional information (if necessary may also be
reported on page 2)
Informations complémentaires (si nécessaire, peuvent
être indiquées sur la 2ème page)National differences have been taken into account for the following
country: CNAuxiliary contacts comply with IEC 60947-5-1:2003+A1:2009
Supersedes CBTC 659446A dated 7/11/2014 : editorial corrections
on pages 1 and 4 of the test report**PUBLICATION****EDITION**

IEC 60947-4-1:2009(ed.3) +A1:2012

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à laAs shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

129163-659446A-Cr150306

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification****Laboratoire Central des Industries Électriques**33, av du Général Leclerc – BP 8
FR 92266 Fontenay-aux-Roses cedex
www.lcie.fr

Date:

2015-03-09

Signature:

Jean-Francois BRUEL
Certification Officer

Annex 1

REFERENCES, PRINCIPAL CHARACTERISTICS

References	With screw terminals: 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.					
	With spring terminals: 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.					
	With ring terminals: 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.					
	Current ratings (A) 0.10-0.16, 0.16-0.25, 0.25-0.40, 0.40-0.63, 0.63-1, 1-1.6, 1.6-2.5, 2.5-4, 4-6, 5.5-8, 7-10, 9-13, 12-18, 16-24, 23-32, 30-38					
Trip class	10 A					
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 - see test report					
Main circuit						
Kind of current	AC					
Rated frequency	50/60 Hz					
Number of poles	3					
Rated insulation voltage (Ui)	690 V					
Rated impulse withstand voltage (Uimp)	6 kV					
Auxiliary circuits						
Number of circuits	2 (integrated contacts)					
Kind of contact elements	1 NO and 1 NC					
Conventional free air thermal current (Ith)	5 A					
Rated insulation voltage (Ui)	690 V					
Rated impulse withstand voltage (Uimp)	6 kV					
Rated frequency	DC, AC 25 up to 400 Hz					
Auxiliary contact electrical ratings						
Category	AC-15				DC-13	
Rated operational voltage (Ue)	120 Vac	500 Vac	600 Vac	690 Vac	125 Vdc	440 Vdc
Rated operational current (Ie)	3.0 A	0.72 A	0.12 A	0.09 A	0.22 A	0.06 A
Other characteristics						
See test report						

Additional Information (if necessary)
Informations complémentaires (si nécessaire)



Laboratoire Central des Industries Électriques
33, av du Général Leclerc – BP 8
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