



Ref. Certif. No.

FR 659446B/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 (Thailand) limited**  
540 SOI 9 Bangpoo Industrial Estate, Sukhumvit Road, Muang District -  
SAMUTPRAKARN 10280 - ThailandName and address of the factory  
Nom et adresse de l'usine**Schneider (Thailand) limited**  
540 SOI 9 Bangpoo Industrial Estate, Sukhumvit Road, Muang District -  
SAMUTPRAKARN 10280 - ThailandNote : 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 659446B 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

129163-659446B-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-François 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					
<b>Main circuit</b>						
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					
<b>Auxiliary circuits</b>						
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					
<b>Auxiliary contact electrical ratings</b>						
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
<b>Other characteristics</b>						
See test report						

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



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