

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

## CB TEST CERTIFICATE

Product	<b>Thermal overload relay</b>
Name and address of the applicant	<b>SCHNEIDER ELECTRIC INDUSTRIES SAS</b> 35, rue Joseph Monier 92500 RUEIL-MALMAISON- FRANCE
Name and address of the manufacturer	<b>SCHNEIDER ELECTRIC INDUSTRIES SAS</b> 31 rue Pierre Mendès-France 38320 EYBENS, FRANCE
Name and address of the factory	<b>SCHNEIDER ELECTRIC FRANCE</b> 6 - 8 rue du Bailly, BP 97812-21078 DIJON Cedex- FRANCE
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	9-13A, 12-18A, 17-25A, 23-32A, 30-40A, 37-50A, 48-65A, 62 – 80A Trip Class 10A, Trip Class 20(except for LRD380 or LR3D380 )
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	/
Model / Type Ref.	LRD3xx, LR3D3xx 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 665184C/A2 dated 10/04/2018. Update further to the evolution of the standard(s) <input type="checkbox"/> 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	128422-665184-D00 to 128422-665184-D04 150527-710254 1911990013

This CB Test Certificate is issued by the National Certification Body

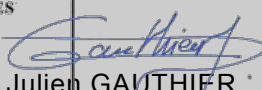


LCIE – Laboratoire Central des Industries Electriques  
33, avenue du Général Leclerc – BP8  
FR 92 266 Fontenay aux Roses Cedex  
[www.lcie.fr](http://www.lcie.fr)

Date: 25/10/2019



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 ROSES

Signature:   
Julien GAUTHIER  
Certification Officer

## ANNEX

### References, ratings and main characteristics:

#### Explanation of model type

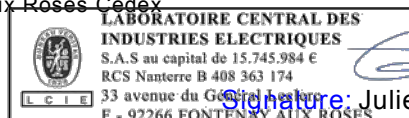
<b>LRD3</b>	<b>13</b>	<b>L</b>	<b>6</b>
<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>

I	Designates Basic Model LRD3: Differential Type ( Sensitive to phase loss) LR3D3: Non-differential Type ( Non-sensitive to phase loss)
II	Designates thermal trip setting range (A) 13: 9-13A; 18: 12-18A ; 25: 17-25A 32: 23-32A ; 40: 30-40A ;50: 37-50A 65: 48-65A ; 80: 62 – 80A
III	Designates Overload Relay Trip Class None : Class 10A L : Class 20 – not available for LRD380 or LR3D380
IV	Designates Type of Terminations (Power / Control) None : “Everlink” connector assembly / screws 3 : “Everlink” connector assembly / spring connections 6 : Ring lugs Connector / Ring lugs Connector

Rated operational current (Ie )	9-13A, 12-18A, 17-25A, 23-32A, 30-40A, 37-50A, 48-65A, 62 – 80A
Trip class	10A 20 (except for LRD380 or LR3D380 )
Dependent of previous load	Yes
Compensated for ambient temperature	Yes
Sensitive to phase loss	LRD3 series: Yes; LR3D3 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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