

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 Mendes France, Eybens
38050 GRENOBLE Cedex 9
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

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

CTF2

Model / Type Ref.

LRD3xx, LR3D3xx
See Annex

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

- Auxiliary contacts comply with IEC 60947-5-1:2003 (ed.3) +A1:2009
- Supersedes CBTC FR 665184C/M1 dated 2018-03-30 (Editorial correction in the list of standards taken into account)

 Additional Information on page 2

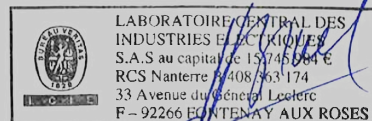
A sample of the product was tested and found to be in conformity with

IEC 60947-4-1:2009(ed.3) +A1:2012
IEC 60947-1:2007(ed.5) +A1:2010 +A2:2014

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

128422-665184-D00 to 128422-665184-D04, 150527-710254

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

Date: 10/04/2018

Signature: **Jean-Francois BRUEL**
Certification Officer

ANNEX

References, ratings and main characteristics

Structure of model/type reference

LRD3	13	L	6
I	II	III	IV

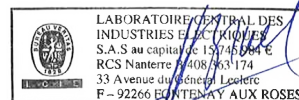
I	Designates Basic Model LRD3: Differential Type (Sensitive to phase loss) LR3D3: Non-differential Type (Non-sensitive to phase loss)
II	Designates thermal trip setting range (A) 13: 9-13 18: 12-18 25: 17-25 32: 23-32 40: 30-40 50: 37-50 65: 48-65 80: 62 - 80
III	Designates Overload Relay Trip Class 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

LRD3, LR3D3 Cl. 10A	Current range Ie (A)	Iq=Ir at 690V (kA)	Iq at 440V (kA)	Fuse aM (A max.)
13	9 - 13	1	50	16
18	12 - 18	3		20
25	17 - 25	3		25
32	23 - 32	3		40
40	30 - 40	3		40
50	37 - 50	3		63
65	48 - 65	3 or 5	50	63
80	62 - 80	3 or 5		80

Category	AC-15				DC-13	
	Rated operational voltage V	120	500	600	690	125
Rated operational current A	3	0,72	0,12	0,09	0.22	0.06



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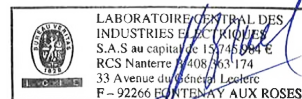
ANNEX (end)

Main circuit						
Kind of current	AC					
Rated frequency	25 up to 400 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	Vdc and Vac (25 up to 400 Hz)					
Auxiliary contact electrical ratings (except spring terminals)						
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

For more information relating to the ratings and the main characteristics please refer to the CB Test Reports: 128422-665184-D00 to 128422-665184-D04, 150527-710254



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