

Ref. Certif. No.
SE-90699

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

CB TEST CERTIFICATE

Product

Low-voltage switchgear and controlgear:
Contactors and motor-starters (Thermal Relay)

Name and address of the applicant

HIMEL TECHNOLOGY, S.L.
Calle Bac de Roda, No. 52, Edificio A, 08019, Barcelona, Spain

Name and address of the manufacturer

DELIXI ELECTRIC LTD.
Delixi High Tech Industrial Park, Liushi Town, Yueqing City,
Zhejiang Province, 325604 China

Name and address of the factory

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

Same as manufacturer

Ratings and principal characteristics

See page 2

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

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Model / Type Ref.

HDR3s-25, HDR3s-38, HDR3s-93

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

See page 2

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

IEC 60947-4-1:2009+A1
IEC 60947-5-1:2016

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

180301519SHA-001, 180301519SHA-002, 180301519SHA-003,
180301519SHA-004, 180301519SHA-005, 180301519SHA-006

This CB Test Certificate is issued by the National Certification Body

Intertek Semko AB
Box 1103
SE-164 22 Kista, Sweden
Int +46 8 750 00 00



Signature:

Bo Berglöf

Bo Berglöf

Date: 9 May 2018

Ratings and principal characteristics

Type:	HDR3s-25				
Main circuit:					
U_e (V):	690				
I_e , AC-3 (A):	0,10-0,16	0,16-0,25	0,25-0,4	0,4-0,63	0,63-1,0
	1,0-1,6	1,6-2,5	2,5-4,0	4,0-6,0	5,5-8,0
	7,0-10	9,0-13	12-18	17-25	
Rating:	$U_i= 690V$, 3 poles, $U_{imp}= 6kV$, IP20, 50/60Hz				
Trip class:	10A				
I_r (A):	3000				
I_q (A):	3000				
Auxiliary circuit:					
U_e (V):	AC 220	AC 380	DC 220		
I_e , (A):	AC-15: 1,64	AC-15: 0,95	DC-13: 0,15		
other information	$I_{th} = 5A$, conditional short-circuit current: 1kA				

Type:	HDR3s-38				
Main circuit:					
U_e (V):	690				
I_e , AC-3 (A):	23-32	30-40			
Rating:	$U_i= 690V$, 3 poles, $U_{imp}= 6kV$, IP20, 50/60Hz				
Trip class:	10A				
I_r (A):	3000				
I_q (A):	3000				
Auxiliary circuit:					
U_e (V):	AC 220	AC 380	DC 220		
I_e , (A):	AC-15: 1,64	AC-15: 0,95	DC-13: 0,15		
other information	$I_{th} = 5A$, conditional short-circuit current: 1kA				

Date: 9 May 2018

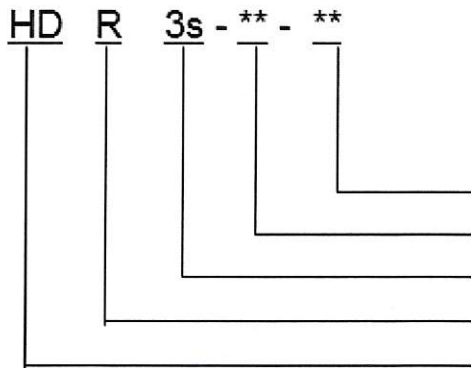
Signature: 

Ratings and principal characteristics

Type:	HDR3s-93				
Main circuit:					
U _e (V):	690				
I _e , AC-3 (A):	7-10	9-13	12-18	17-25	23-32
	30-40	37-50	48-65	55-70	63-80
	80-93				
Rating:	U _i = 690V, 3 poles, U _{imp} = 6kV, IP20, 50/60Hz				
Trip class:	10				
I _r (A):	5000				
I _q (A):	5000				
Auxiliary circuit:					
U _e (V)	AC 220	AC 380	DC 220		
I _e , (A):	AC-15: 1,64	AC-15: 0,95	DC-13: 0,15		
other information	I _{th} =5A, conditional short-circuit current: 1kA				

Additional information (if necessary)

Model explanation:



Rated current
 Current frame (25, 38, 93)
 Design Code
 Thermal Overload Relay
 Company Code (Himef)

Date: 9 May 2018

Signature: 