



# CB TEST CERTIFICATE

Ref. Certificate No.

NL-12977

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

Issued by:	KEMA Quality B.V.		
Product:	Air circuit-breakers		
Applicant:	Hager Electro Sas	132 Boulevard d'Europe 67215 Obernai Cedex)	France
Manufacturer:	Larsen & Toubro Limited	Powai works Saki Vihar Road Mumbai, 400072	India
Factory:	Larsen & Toubro Limited	Saki Vihar Road Mumbai, 400072	India
Rating and principal characteristics:	Ue 415 Vac, 50/60 Hz, Ui 1000 V, Uimp 12 kV, 3- or 4-pole hw1600n, Ith 400-1600 A, Icm 143 kA, Icu = Ics = Icw 65 kA hw2500s, hw2500n, Ith 2000-2500 A, Icm 176 kA, Icu = Ics = Icw 80 kA hw4000p, hw4000n, Ith 3200-4000 A, Icm 220 kA, Icu = Ics = Icw 100 kA fixed or withdrawable		
Trade mark (if any):	HAGER		
Model/Type reference:	hw1600n, hw2500s, hw2500n, hw4000p, hw4000n		
Additional information:	Due to the compliance with IEC 60947-2 the ACB's also comply with BSEN 60947-2:2003 and IS 13947 (Part 2):1993		
Sample of product tested to be in conformity with IEC:	60947-2(ed.3)		
Test Report Ref. No.:	S0706203.50 .. 52 for the tests according to the CB procedure. S0706203.53 .. 55 for additional sequence IV tests, on request of the manufacturer.		

This CB Test Certificate is issued by the National Certification Body:

KEMA Quality B.V.  
Utrechtseweg 310  
P.O. Box 5185  
6802 ED Arnhem  
The Netherlands



Signed by: F.S.Strikwerda

Date of issue: 2007-07-25