



# CB TEST CERTIFICATE

Ref. Certificate No.

CH-3178

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

Issued by:	Electrosuisse		
Registration date:	2006-04-25		
Product:	Circuit breakers		
Applicant:	ABB Schweiz AG, CMC Low Voltage Products	Fulachstrasse 150 CH-8201 Schaffhausen	Switzerland
Manufacturer:	ABB Schweiz AG, CMC Low Voltage Products	Fulachstrasse 150 CH-8201 Schaffhausen	Switzerland
Factory:	ABB Schweiz AG, CMC Low Voltage Products	Fulachstrasse 150 CH-8201 Schaffhausen	Switzerland
Rating and principal characteristics:	U <sub>max</sub> : 400/690V~, I <sub>e</sub> : 10...125A, 1...4poles (see appendix 1)		
Trade mark (if any):	ABB		
Model/Type reference:	Series S800N		
Additional information:	TMP Procedure		
Sample of product tested to be in conformity with IEC:	60947-2(ed.3)		
Test Report Ref. No:	05-IK-0350.01		

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

Electrosuisse  
Luppenstrasse 1, CH-8320 Fehraltorf, Switzerland

**electrosuisse** 

Signed by: Hans Roschmann

Date of issue: 2006-04-25





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## Appendix 1 to CB Test Certificate

### Rating and principal characteristics

Suitability for insulation: (suitable, not -suitable) .....	: suitable
Method of installation: (fixed, plug in, withdrawable).....	: fixed (hat rail)
Degree of protection: (IP code).....	: IP40 (actuating side only) terminals IP00
Rated and limiting values, main circuit :	
Rated operational voltage: $U_e$ max.(V).....	: 690VAC
Rated insulation voltage: $U_i$ (V).....	: 690VAC
Rated impulse withstand voltage: $U_{imp}$ (kV).....	: 8kV
Rated current: $I_n$ max. (A).....	: 10, 13, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125A
Rated frequency: (Hz) .....	: 50/60Hz
Number of poles .....	: 1, 2, 3 and 4; all poles are protected
Rated ultimate short-circuit breaking capacity: $I_{cu}$ (kA).....	: 240/415VAC: 10..125A = 36kA 289/500VAC: 10..125A = 10kA 400/690VAC: 10..125A = 4.5kA
Rated service short-circuit breaking capacity: $I_{cs}$ (kA).....	: 240/415VAC: 10..125A = 30kA 289/500VAC: 10..125A = 8kA 400/690VAC: 10..125A = 3kA

Hans Roschmann  
Product Certification

Fehrltorf, 2006-04-25