



CB TEST CERTIFICATE

Ref. Certificate No.

BE-2537

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

Issued by:	SGS Belgium NV - Division SGS CEBEC		
Product:	Thermal overload relays		
Applicant:	ABB Stotz-Kontakt GmbH	Eppelheimer Strasse, 82 PO Box 101680 69123 HEIDELBERG	Germany
Manufacturer:	ABB Stotz-Kontakt GmbH	Eppelheimer Strasse, 82 PO Box 101680 69123 HEIDELBERG	Germany
Factory:	ABB Stotz-Kontakt GmbH	Eppelheimer Strasse, 82 PO Box 101680 69123 HEIDELBERG	Germany
Rating and principal characteristics:	See page 2		
Trade mark (if any):	ABB		
Type of Manufacturer's Testing Laboratories used:	WMT		
Model/Type reference:	Series T16		
Additional information:	See page 2		
Sample of product tested to be in conformity with IEC:	60947-4-1(ed.2);am1;am2 60947-5-1(ed.3);am1		
Test Report Ref. No:	58293101/00 up to 58293101/37 and 58293103/00 up to 58293103/10		

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

SGS Belgium NV - Division SGS CEBEC
Riverside Business Park Avenue Internationalelaan 55 Build. D B - 1070
Brussels, Belgium

SGS



Signed by: Calogero LANA

Date of issue: 2010-09-07

Ratings:

number of poles	:	3
rated operational voltage (Ue)	:	690 V
conventional free air thermal current (Ith)	:	From 0,1 A up to 16 A
rated frequency	:	50 / 60 Hz
rated duty	:	uninterrupted duty
rated prospective short-circuit current "r"	:	1 kA
rated conditional short-circuit current (Iq)	:	35 kA
SCPD	:	Fuses
rated insulation voltage (Ui)	:	690 V
rated impulse withstand voltage (Uimp)	:	6 kV
degree of protection	:	IP 20
type of terminals	:	screw type
Trip class	:	10

Further Data:

The T16 is a three pole thermal overload relays which is ambient temperature compensated and phase loss sensitive.

The T16 is intended to be mounted to the certified ABB Contactor Series B6/B7 and AS09 up to AS16.

The T16 alternatively can be mounted to the ABB single mounting kit DB16.

All requirements acc. to GB14048.4-2003 and GB14048.1-2006 are met.

The additional Damp Heat Test has been performed

The auxiliary contacts block (NC/NO), has been tested according to IEC/EN60947-5-1

Utilization Category AC-15 / DC-13, Ue Max = 600 V

Product References:

Thermal overload relay series T16:

Type designation	Current range	Fuse
T16/0,13	0,10-0,13 A	0,5 A T
T16/0,17	0,13-0,17 A	1 A T
T16/0,23	0,17-0,23 A	1 A T
T16/0,31	0,23-0,31 A	1 A T
T16/0,41	0,31-0,41 A	2 A gG
T16/0,55	0,41-0,55 A	2 A gG
T16/0,74	0,55-0,74 A	4 A gG
T16/1,0	0,74-1,0 A	6 A gG
T16/1,3	1,0-1,3 A	6 A gG
T16/1,7	1,3-1,7 A	10 A gG
T16/2,3	1,7-2,3 A	10 A gG
T16/3,1	2,3-3,1 A	10 A gG
T16/4,2	3,1-4,2 A	20 A gG
T16/5,7	4,2-5,7 A	20 A gG
T16/7,6	5,7-7,6 A	35 A gG
T16/10	7,6-10 A	35 A gG
T16/13	10-13 A	40 A gG
T16/16	13-16 A	40 A gG

Auxiliary contacts block characteristics:

Utilization Category	Ue (V)	Ie (A)	
		NC (95/96)	NO (97/98)
AC-15	120V	3A	0,75A
	240V	3A	0,75A
	380V	0,95A	0,75A
	500V	0,75A	0,75A
	600V	0,6A	-
DC-13	24V	1,25A	1,25A
	60V	0,55A	0,55A
	125V	0,55A	0,55A
	250V	0,27A	0,27A
	500V	0,15A	0,15A
	600V	0,1A	0,1A