


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


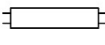

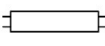
## CB TEST CERTIFICATE

Product	Electronic switches for household and similar fixed-electrical installations (twilight switches)
Name and address of the applicant	ABB S.p.A. Via Vittor Pisani, 16 20124 Milano (MI) Italy
Name and address of the manufacturer	ABB S.p.A. Via dell'Industria, 18 20010 Vittuone (MI) Italy
Name and address of the factory	<input type="checkbox"/> Additional information on page 2 ASEL srl Via Assenovdgrasko shosse 1 4023 Plovdiv Bulgaria
Ratings and principal characteristics	IP20 or IP54, contact opening: micro-gap construction method of mounting: DIN rail guide mounting or surface mounting rated voltage: 110-230 V, rated frequency: 50/60 Hz (see also Additional Sheet and pages 5 and 6 of Test Reports MI20-0048820-01 and MI20-0048821-01)
Trademark (if any)	 ABB
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	TL1 (used together with external sensor TLs) or TL1 POLE
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2 -
A sample of the product was tested and found to be in conformity with	IEC 60669-1:1998, IEC 60669-1:1998/AMD1:1999, IEC 60669-1:1998/AMD2:2006, IEC 60669-2-1:2002, IEC 60669-2-1:2002/AMD1:2008, IEC 60669-2-1:2002/AMD2:2015  National differences: EU Group Differences
As shown in the Test Report Ref. No. which forms part of this Certificate	MI20-0048820-01 and MI20-0048821-01

This CB Test Certificate is issued by the National Certification Body

IMQ S.p.A.  
Via Quintiliano 43, IT-20138 Milano, Italy

**Description of the electronic switch type reference TL1 and TL1 POLE**

Type reference	Catalogue reference	Description	Ratings	Controllable loads	
				Type	Ratings
TL1	TL1	DIN rail guide mounting twilight switch	110-230 V ~ 50/60 Hz		110 V – 1000 W
					230 V – 1000 W
				 (LED/CFL) Externally ballasted lamps	110 V – 300 W
					230 V – 300 W
				LED LEDi / CFLi Self ballasted lamps	110 V – 30 W 230 V – 100 W
TLs	TLs	External sensor for twilight switch TL1	110-230 V ~ 50/60 Hz	—	
TL1 POLE	TL1 POLE	Surface mounting twilight switch	110-230 V ~ 50/60 Hz		110 V – 1000 W
					230 V – 1000 W
				 (LED/CFL) Externally ballasted lamps	110 V – 300 W
					230 V – 300 W
				LED LEDi / CFLi Self ballasted lamps	110 V – 30 W 230 V – 100 W