Tmax-Molded Case Circuit Breakers

T1 100A Frame

AC Circuit Breakers & Switches

DC Circuit Breakers & Switches

1, 3 and 4 Poles

Higher performances in less space

Field Installable Accessories

Dimensions 3P Fixed Version 5.12H x 3.00W x 2.76D

Compliance with Standards

UL 489
CSA C22.2 No.5.1
IEC 60947-2
Standards
EC directive:
– “Low Voltage Directives” (LVD) no. 73/23 EEC
– “Electromagnetic Compatibility Directive” (EMC) no.89/336 EEC

The ABB Quality System complies with the international ISO 9001 - 2000 Standard (model for quality assurance in design, development, construction, and installation and service) and with the equivalent European EN ISO 9001 and Italian UNI EN ISO 9001 Standards

Interrupting ratings (RMS sym. kAmps)		T1	
Continuous Current Rating		100A	100A
Number of Poles		1	3-4
		B	**N**
AC			
240V			50
277V		18	
347V		14	
480V			22
600Y/347V			10
DC			
250V	2 poles in series		25
500V	3 poles in series		25

Please Note: 15 A 1P 10Kaic @ 347Vac, 3p 14Kaic @ 480Y/277Vac, 3p 35Kaic @ 240Vac

Company Quality Systems and Environmental Systems

The new Tmax series has a hologram on the front, obtained using special anti-imitation techniques, which guarantees the quality and that the circuit breaker is an original ABB product.

Attention to protection of the environment and to health and safety in the work place is another priority commitment for ABB and, as confirmation of this, the company environmental management system has been certified by RINA in 1997, in conformity with the international ISO 14001 Standard. This certification has been integrated in 1999 with the Management System for Health and Safety in the workplace, according to OHSAS 18001 (British Standards), obtaining one of the first certification of integrated management System, QES (Quality, Environment, Safety) issued by RINA. ABB - the first industry in the electromechanical section in Italy to obtain this recognition - thanks to a revision of the production process with an eye to ecology has been able to reduce the consumption of raw materials and waste from processing by 20%. ABB's commitment to safeguarding the environment is also shown in a concrete way by the Life Cycle Assessments of its products carried out directly by the ABB Research and Development in collaboration with the ABB Research Center. Selection of materials, processes and packing materials is made optimizing the true environmental impact of the product, also foreseeing the possibility of its being recycled.

Mounting

Fixed

Connections

Pressure-type terminals for bare copper cables

Trip Unit

TMF thermo magnetic trip units, with fixed thermal and magnetic threshold (I3 = 10 x In);

Weight (lbs)	2.34

Auxiliary Devices for Indication and Control

- Auxiliary contacts - AUX
- Undervoltage release - UVR
- Shunt trip - SOR
- Terminal covers
- Flange handle mechanism
- Direct rotary handle - RHD
- Through the door rotary handle
- Solenoid operator
- Key lock - KLF
- Early auxiliary contact - AVE
- Front terminal for copper cable - FC CU
- Front extended terminal - EF
- Phase separators
- Residual current release (IEC Only)
- Mechanical interlock

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