

Tmax molded case circuit-breakers

Tmax T1 1p

Compliance with Standards

UL489
CSA C22.2 No. 5.1
IEC 60947-2
EC Directive:
- "Low voltage directives" (LVD) no. 73/23 EEC
- "Electromagnetic compatibility directive" (EMC) no. 89/336 EEC



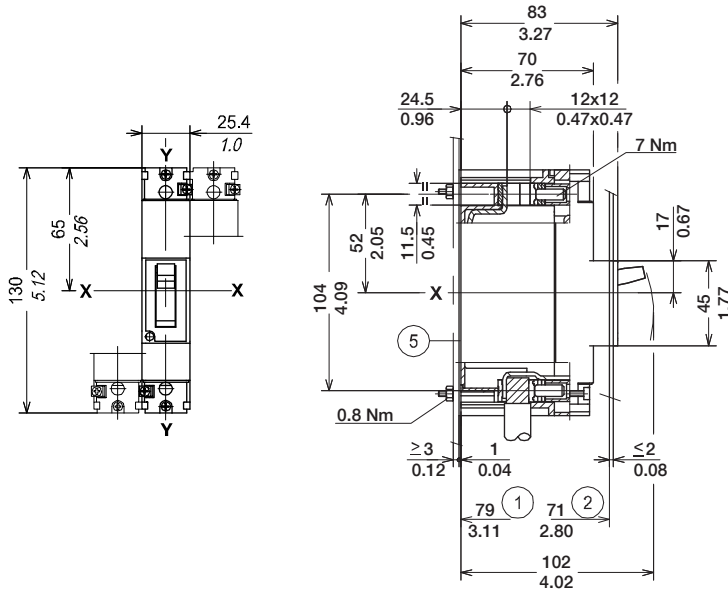
Type of circuit-breaker		Tmax T1 1p
Frame		100
Rated ultimate short-circuit breaking capacity, I_{cu}		B
(AC) 50-60 Hz 240 V	[kA]	-
(AC) 50-60 Hz 277 V	[kA]	18 ⁽¹⁾
(AC) 50-60 Hz 347 V	[kA]	14 ⁽¹⁾
(AC) 50-60 Hz 480 V	[kA]	-
(AC) 50-60 Hz 600Y/347 V	[kA]	-
(AC) 50-60 Hz 600 V	[kA]	-
(DC) 250 V-2 poles in series	[kA]	-
(DC) 500 V-2 poles in series	[kA]	-
(DC) 500 V-3 poles in series	[kA]	-
(DC) 600 V-3 poles in series	[kA]	-
Trip units:		
T fixed, M fixed (10xI _n) TMF		•
T adj., M fixed (10xI _n) TMD		-
Thermomagnetic T adj., M adj. (5...10xI _n) TMA		-
T adj., M fixed (3xI _n) TMG		-
T adj., M adj. (2.5...5xI _n) TMG		-
Magnetic only M adjustable (6...12xI _n) MA		-
Versions		F
Fixed (F)		F-FC CuAl
Terminals	Plug-in (P)	-
	Withdrawable (W)	-
Fixing on DIN rail		Option
Mechanical life	[No. operations /hourly oper.]	25000/240
Electrical life (at 415 V)	[No. operations /hourly oper.]	8000/120
Basic fixed dimensions	W [mm]	25.4
	D [mm]	70
	H [mm]	130
Weights	fixed 1 pole [kg]	0.4
	plug-in 1 pole [kg]	-
	Withdrawable 1 pole [kg]	-

(1) I_n 15A = 10kA @ 277 V AC - 10kA @ 347 V AC

Tmax molded case circuit-breakers

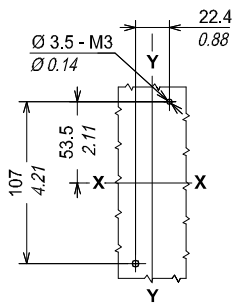
Dimensions T1 1p series

Overall dimensions T1 1 pole



- 1 Depth of the switchboard in the case of circuit breaker with face not extending from the compartment door, with or without flange
- 2 Depth of the switchboard in the case of circuit breaker with face extending from the compartment door, without flange
- 5 Insulating plate

Drilling template for support sheet



Contact us

Canada

ABB Inc.

Low Voltage Products

2117 – 32nd Avenue

Lachine, QC, CANADA H8T 3J1

Tel.: 514-420-3100

Fax: 514-420-3137

Toll Free: 1-800-567-0283

www.abb.ca

While all care has been taken to ensure that the information contained in this publication is correct, no responsibility can be accepted for any inaccuracy. The Company reserves the right to alter or modify the information contained herein at any time in the light of technical or other developments. Technical specifications are valid under normal operating conditions only. The Company does not accept any responsibility for any misuse of the product and cannot be held liable for indirect or consequential damages.

© Copyright 2011 ABB Inc. All rights reserved.

