

# T1

## 100A, 600Y/347V, 480V Δ

### Thermal-magnetic



T1

**Dimensions** 3P Fixed Version 5.12H x 3.00W x 2.76D  
**Weight** 2.34 (lbs)

#### General

The T1 breaker family ranges from 15 through 100 amperes. The T1 trip units are non-interchangeable and use the very latest technology in electromagnetic relays for overcurrent trip protection. Thermal overload protection is provided by heat sensitive bimetals. Short circuit protection for the breaker is accomplished using a precise magnetic coil. State of the art construction in contacts and arcing chambers aid in limiting damaging fault currents through the protected circuits.

#### Standards

The UL489/CSA 22.2 version of T1 also carries an IEC-947 rating.

#### Versions

The T1 frame is available in two versions:

- T = Thermal-magnetic, fixed
- D = Molded case switch

#### Performance levels

The T1 breaker has two performance levels available:

- B = Basic single pole
- N = Normal three pole

#### Number of poles

The T1 molded case circuit breaker is available in single, three and four pole versions. Estimate 4 pole pricing by adding 35% to the 3 pole price and contact your ABB sales person for details.

#### Molded case switches

UL489 switches include no overcurrent protection except for a high instantaneous trip mechanism for self protection.

#### UL489 / CSA C22.2 Interrupting capacity (kA RMS)

Voltage	Continuous rating	B (1 pole)	N
240VAC	15 – 100A	–	50 ①
347VAC	15A	10	–
	20 – 100A	14	–
480VAC Δ	15A ②	–	14
	20 – 100A	–	22
600Y/347VAC	15 – 100A	–	10
250VDC 2 pole series	15 – 100A	–	25
500VDC 3 pole series	15 – 100A	–	25

① In 15A 35kA @ 240VAC.  
 ② 15A available in 480/277 VAC only.