



Three Phase TC Series Circuit Breakers

Miniature Ambient Compensated

Features

- **One phase trips all**
- **Protective shields between each phase's terminals**
- **Pads increase mounting stability**
- **Also includes identical features as 2TC and 3TC**



Overview

The 6TC and 9TC circuit breakers provide ambient compensated circuit protection in a lightweight, subminiature package size. The three phase design integrates each individual phase to provide overcurrent protection in the event of simultaneous or unbalanced overloads, including short circuit conditions.

Coordination

The 6TC and 9TC are compatible with their single phase 2TC and 3TC cousins. The 6TC and 9TC are available in ratings from 1-35 amps, with military and various commercial approvals on most styles.

Ambient Temperature Compensation

The 6TC and 9TC are ambient compensated circuit breakers. This allows usage of smaller gauge wire.

The 6TC and 9TC can operate over a temperature range of -54°C to 121°C , however, care should be taken to understand the specification limits at elevated ambient temperatures.

Options*

- Longer push buttons
- High vibration
- Metric mounting thread
- Metric terminal thread
- Dust boot†
- Auxiliary switch device available††

* Contact factory for details

† Part Number 14500-1 fits 15/32 bushing
Part Number 14500-5 fits 7/16 bushing

†† 6TC Device

Trip Free

The complete line of TC series circuit breakers is trip free. The circuit breaker cannot be maintained closed during an overload, even with the actuator button held closed.

High Short Circuit Capacity

For its miniature size, the 6/9TC series offers unusually high current interrupting capacity. Overloads up to 2000 amps at 120 VAC, 400 Hz can be safely interrupted without affecting calibration or operating performance in the standard 6/9TC series.

Qualifications

MS14154	6TC2
MS14154L	6TC37
MS14154V	6TC63
MS14153	9TC2

European standards

SAE standards

All U.S. aircraft OEM's

Most European aircraft OEM's

