

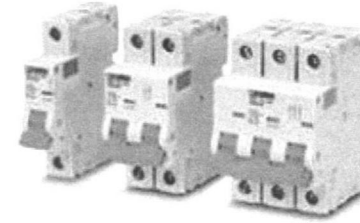
## TMC 7 Series UL 1077 Circuit Breakers

Phoenix Contact's TMC 7 series supplementary protectors offer minimized maintenance and increased longevity

Phoenix Contact's TMC 7 series UL 1077 supplementary protectors are ideal for device protection in systems that require reliable overcurrent protection, and where ease of installation, maintenance, and repair is required.

These devices increase system reliability by isolating problematic circuits from an application, which allow the rest of the system to remain up and running. Installation is simple and easy, and the cuttable UL 508-listed busbars can significantly reduce installation time. This series uses snap-action technology to reduce wear-and-tear on the internal contacts of device, resulting in minimized maintenance and increased longevity.

The trip-free design eliminates closing the circuit during an overcurrent event ensuring safety in these devices. There are optional snap-on accessories including a shunt trip, an alarm, and auxiliary contacts that provide additional functionality. These circuit breakers offer multiple trip curves, pole configurations, and dual-rated (AC/DC) versions.



### Features

- Visual status indication
- A wide range of currents
- 1-, 2-, and 3-pole versions
- B-, C-, and D-trip curves
- Dual-rated (AC/DC)
- Snap-action mechanism
- Trip-free design
- UL 508-listed cuttable busbar

### Applications

- Systems requiring reliable power:
  - Motor control circuits
  - Lighting controls and power
  - Control power transformers
  - Sensitive equipment
  - PLC I/Os
  - Relays

### Benefits

- Easily identify circuit status
- 1 A to 63 A versions for optimizing system reliability
- Configurations for all applications
- A single product line with trip curves for all load types
- Single part number with both AC and DC ratings, reducing inventory requirements
- Eliminates contact welding and reduces contact wear
- Increases safety against closing during an overcurrent event
- Flexible, easy-bridging of power and accessories
- Provides added functionality and system status information