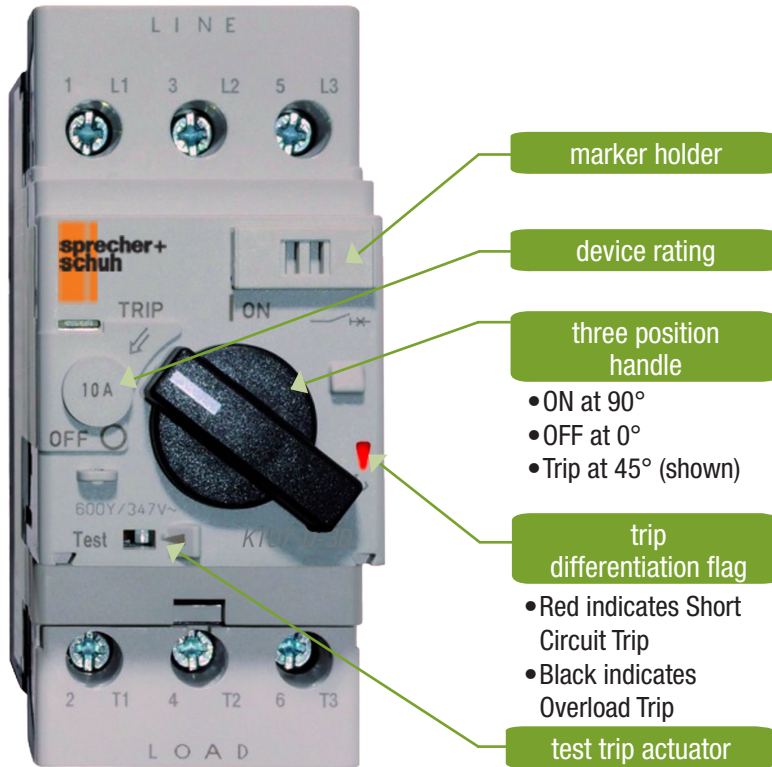


# Series KTU7 Circuit Breakers for NON-Motor Loads



marker holder

device rating

three position handle

- ON at 90°
- OFF at 0°
- Trip at 45° (shown)

trip differentiation flag

- Red indicates Short Circuit Trip
- Black indicates Overload Trip

test trip actuator

Sprecher + Schuh's new KTU7 series of UL Molded Case Circuit Breakers provide reliable thermal and magnetic over current protection. This series is UL489 Listed, CSA22.2 No. 5 and IEC 60947-2 compliant for global applications. The current limiting circuit breaker provides fixed short circuit and overcurrent protection and offers high interrupting ratings for 2- and 3-pole devices from 0.5 to 30A. These Circuit breakers are 100% rated up to 10A.

- The KTU7 series delivers a smaller footprint (45mm wide) and reliable protection for your application saving panel space
- A current limiting circuit breaker with increased KAIC ratings to 30A providing higher SCCR ratings for your control panels
- Completely molded bus bars providing enhanced finger protection
- Lockable operator knobs compliant with lock-out safety requirements
- Compact bus bar connectable providing clean finished appearance and reduced labor



## Convenient Features

The KTU7s are typically used in non-motor applications. The circuit breaker provides useful information for an operator so that an operator can identify a fault quickly and reduce downtime including:

- Trip position: separate handle position indicates a trip has occurred
- Short circuit trip indication: identifies a trip on short circuit.

## Advantages

- Small foot print saves panel space, just 45 x 102 x 85 mm, up to 50% smaller than traditional MCCBs.
- Interrupt rating of 65kA at 480Y/277V may allow higher overall panel short circuit rating
- Up to 6 times higher interrupting rating vs. traditional miniature circuit breakers.

## Ideal Applications

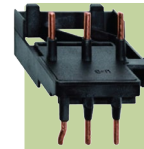
The KTU7s are designed for industrial use applications in control cabinets or on-machine panels for any non-motor load with basic protection requirements. They are ideal for many industries such as food & beverage, glass manufacturing, packaging, water/wastewater or material handling. KTU7 provides protection for applications such as:

- Feeder Circuits for small cabinets, distribution panels, branch circuit protection, power transformers and heaters
- Control circuits for control circuit transformers and power supplies
- Industrial heating application
- Air conditioning and refrigeration applications

# Series KTU7 Circuit Breaker

## Accessories

Accessories are intelligently designed to be field installed. The compact busbars and supply blocks reduce wiring errors and installation labor cost. Connection modules for the CA7 Contactors simplify wiring and can reduce the number of DIN rails required, compacting panel space even further.



**Connecting Modules**  
Provides electrical and mechanical interconnection of KTU7 and CA7 -9...23



**Flexible Connecting Modules**  
Provides electrical and mechanical interconnection of KTU7 and CA7-9...43



**Compact Busbar - 45mm Spacing (Rated 64A)**  
For use with front mounted auxiliary contact - Connects 2 to 5 KTU7s



**Supply Block and Terminal**  
For power connection to Compact Busbar - 600V, KT7-25/32 up to 63A max. connected load.



**Lockable Twist Knob**  
Can be padlocked 4...6mm (1/4in). Available in black or red and yellow.

**Front Mount Auxiliary Contact**  
1 or 2 pole



**Load Terminal Cover**  
For covering load terminals in conjunction with front mounted KT7 auxiliaries (required to comply with UL489 terminal clearance standards)

### KTU7 UL489 Molded Case Circuit Breaker: 2-Pole and 3-Pole

Fixed Thermal Current Rating [A]	Magnetic Trip [A]	Interrupting Rating (60Hz) [KA]			2-Pole Fixed Thermal-Magnetic	3-Pole Fixed Thermal-Magnetic
		240V	480Y/277V	600Y/347V		
<b>KTU7-D — High Interrupting Capacity – 2-Pole</b>						
0.5	15...20xIn	100	100	50	KTU7-D-2D-0.5	KTU7-D-3D-0.5
1.0	15...20xIn	100	100	50	KTU7-D-2D-1	KTU7-D-3D-1
2.0	15...20xIn	100	100	50	KTU7-D-2D-2	KTU7-D-3D-2
3.0	15...20xIn	100	100	50	KTU7-D-2D-3	KTU7-D-3D-3
4.0	15...20xIn	100	100	50	KTU7-D-2D-4	KTU7-D-3D-4
5.0	15...20xIn	100	100	50	KTU7-D-2D-5	KTU7-D-3D-5
6.0	15...20xIn	100	100	50	KTU7-D-2D-6	KTU7-D-3D-6
8.0	15...20xIn	100	100	50	KTU7-D-2D-8	KTU7-D-3D-8
10.0	15...20xIn	100	100	50	KTU7-D-2D-10	KTU7-D-3D-10
12.0	15...20xIn	65	65	35	KTU7-D-2D-12	KTU7-D-3D-12
15.0	15...20xIn	65	65	35	KTU7-D-2D-15	KTU7-D-3D-15
20.0	15...20xIn	65	65	35	KTU7-D-2D-20	KTU7-D-3D-20
25.0	15...20xIn	65	65	35	KTU7-D-2D-25	KTU7-D-3D-25
30.0	15...20xIn	65	65	35	KTU7-D-2D-30	KTU7-D-3D-30

① Suitable for continuous operation at 100% of rating only if used in minimum enclosure space of 250 x 175 x 150 mm (10 x 7 x 6 in).

#### Coming Soon!

- Thru-the-Door handle operating mechanism
- shunt-trip and undervolting trip attachment