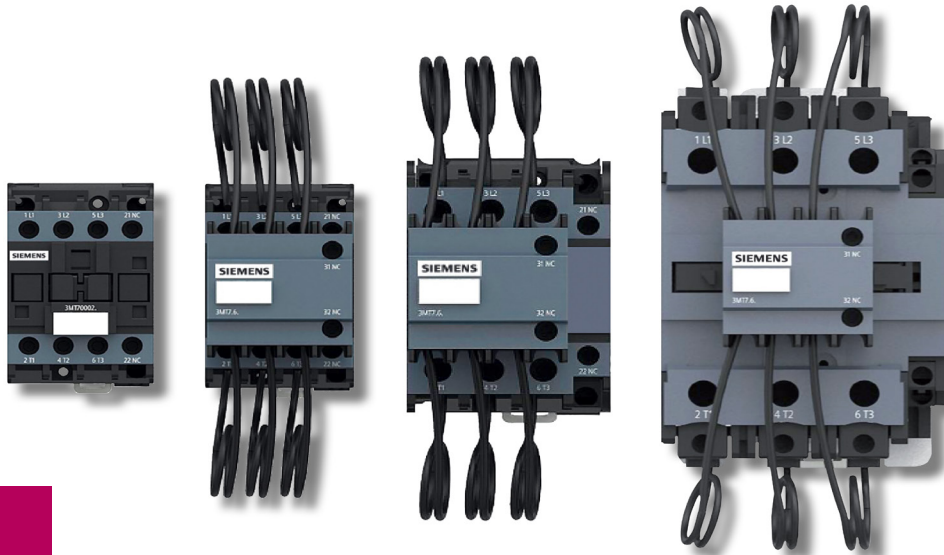


3MT7 RANGE

Capacitor Duty Contactors



NEW!

SAFE SWITCHING

3MT7 range of Capacitor Duty Contactors are designed for switching of power factor correction capacitors. These are reliable and economical solution for capacitor switching.

KEY PRODUCT FEATURES

- 1** EXCELLENT DAMPING OF INRUSH CURRENT
- 2** FINGER TOUCH PROOF TERMINATION FROM FRONT
- 3** COMPACT DIMENSIONS
- 4** DIN RAIL MOUNTABLE
- 5** CONFORMANCE TO INTERNATIONAL STANDARDS
 - UL 508
 - CSA 22.2
 - IEC 60947-4-1, IEC 60947-5-1

THE NEED TO COMPENSATE FOR REACTIVE ENERGY

Excess Reactive Energy generated by various loads such as transformers, motors, air conditioning units and ballasts, can reduce overall power quality and is the main cause of high electricity bills.

COMPENSATE FOR REACTIVE ENERGY BY USING

Capacitor-based power factor correction equipment.

THE IMPORTANCE OF POWER SWITCHING IN CAPACITOR SOLUTION

Capacitors, together with such circuits, form oscillatory circuits which can, when switched on, give rise to high transient currents ($> 180 I_n$) at high frequencies (about 15 kHz).

3MT7 contactors for capacitor switching are specially designed with inbuilt damping resistors to commutate and limit such current peaks at energizing.

BENEFITS

1. Enhanced Equipment Life
2. Limit inrush current
3. Reduce Electricity bills
4. Increase Power Quality
5. Easy selection with kVAR ratings

CERTIFICATION



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