

# High quality magnetic breaker in Pretoria





## Overview

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What are thermomagnetic circuit breakers?

Thermomagnetic circuit breakers feature a thermal tripping mechanism as well as a magnetic tripping mechanism. This means that the protective devices trip faster in the event of a short circuit compared to thermal fuses. With their various characteristic curves, the device circuit breakers also satisfy the requirements for long cable paths.

What is a miniature circuit breaker (MCB)?

CBI designs and manufactures Miniature Circuit Breakers (MCBs) which employ hydraulic-magnetic technology, and distributes electronic and thermal-magnetic MCBs, for the protection of installations and equipment against overload and short circuit. Suitable for use in residential and commercial applications.

What is TESYS GV motor circuit breaker?

TeSys GV motor circuit breaker 3 poles (3P) 4A/690V for 3-phase motor applications 1.1-1.5kW@400V. It provides a magnetic protection with a tripping level at  $13 \times I_n$  high breaking capacity  $I_{cu}$  100kA@400V. Connection by screw clamp terminals. Start-stop control by rotary handle guaranteed for 100 000 cycles AC-3.

How fast do bimetal and solenoid circuit breakers trip?

The two systems, bimetal and solenoid, operate independently of one another. This means that in the event of a short circuit, the thermomagnetic device circuit breakers trip more quickly than thermal device circuit breakers. As a rule, in the event of a short circuit, the tripping mechanism is actuated within 3 to 5 ms.



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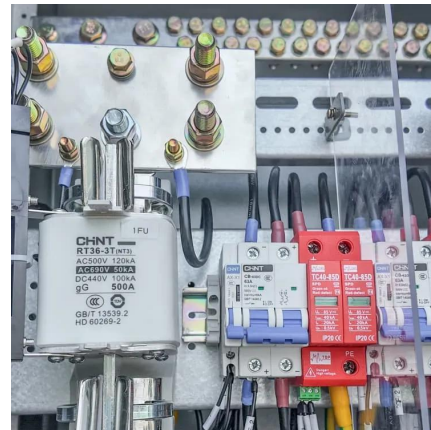


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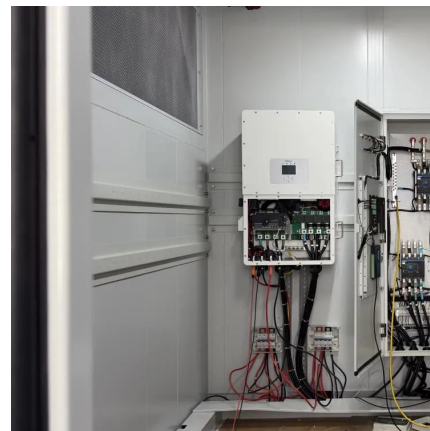


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