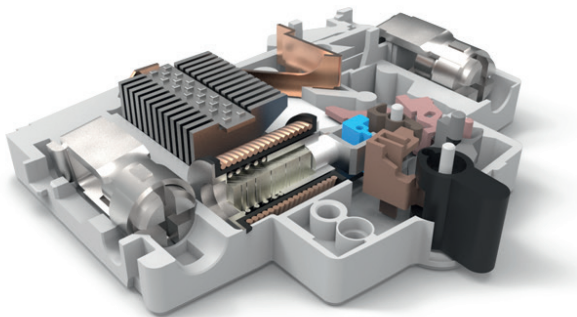


ACTUATORS



Applications

- Short and overload protection of electrical circuits

Features

- Integrated thermal-magnetic switch unit, which replaces both the electro-magnetic actuator and the thermostatic bimetal
- Compact and simplified design with reduced number of parts
- Compatible with dimensions of standard circuit breakers

Technical data

MAGNETOSHAPE® circuit breaker (technology demonstrator)	
Size	Ø 14 mm × 20 mm
Solenoid switching time	400 µs
Thermal switching time	~150 s @ 20 A
MAGNETOSHAPE® element size	3 × 5 × 15 mm

The specifications listed above apply exclusively to the technology demonstrator. The technical concept can be easily scaled and adapted to the customer.