

To: Owner Sales Manual
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TA35 / TA36

Thermal-Magnetic Circuit Breakers

- Thermal and magnetic tripping for protection against overcurrent in accordance with IEC 60934
- Super-fast tripping in the event of a short circuit
- Finely graduated rated currents
- Wide range of design options

Product

SCHURTER has a long tradition with circuit breakers. In addition to their thermal release (bimetal), the classic TA35 and TA36 are now optionally equipped with an additional magnetic module, which promises reliable protection within milliseconds in the event of very high overcurrent (short circuit).

Thermal Circuit Breakers

Circuit breakers are usually designed according to the thermal principle with a bimetal. If a defined temperature is exceeded due to overcurrent, the electric circuit is interrupted. Once the bimetal cooled down, the appliance is ready for use again. However, if a short circuit occurs, the bimetal cannot react fast enough. For this reason, thermal circuit breakers are usually combined with a fuse.

Additional Magnetic Module

SCHURTER is now upgrading its 2-pole classic TA35 and TA36 models with an additional, optional magnetic module. From now on, no additional fuse is required when using a thermal-magnetic type. Depending on the application, the magnetic modules are available either with a slow or a fast acting characteristic.

Both models are designed for snap-in mounting and with finely graduated rated currents. A variety of colours and lighting options make the designer's choice easier. The SCHURTER TA35 has a more classic style, while its TA36 counterpart comes in a more modern design.

A circuit breaker with a short circuit protection is mainly meant for applications, where a full protection on the primary side is required.

Availability and Samples

The new products are listed in the chapter "New Part Numbers" further below. In this chapter you'll also find information about the initial stock at SCHURTER and recommendations for our valued distribution partners. Sample orders can be placed via the official channel. Larger quantities and other versions on request. Information about the availability can be found in the table of variants on the [Data Sheet \[1\]](#). The initial stock is ready by week 34/2024

Additional Information

The [Product Training \[2\]](#) provides additional background information about the advantages, USPs and usage of the product. The [Data Sheet \[1\]](#) contain detailed information about the technical specifications, order numbers as well as CAD data and approval information. The PR texts, -adverts and product images are available on the Digital Asset Management Server [DAM \[2\]](#).

Please do not hesitate to contact us in case of any questions.

Best Regards,

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Links to Sales Information

- [1] Data sheet TA35 https://www.schurter.com/en/datasheet/TA35_Rocker_2Pole
Data sheet TA36 https://www.schurter.com/en/datasheet/TA36_Rocker
[2] SCHURTER DAM <https://dam.schurter.com/web/e547dc185d4f580d/launch-ta35-ta36/?viewType=grid>

New Part Numbers

Recommendations for inclusion in the stock of our distribution partners are marked in **bold**.

TA35 Circuit Breakers with Magnetic Release

Part no.	Material Description	Configuration Code	Initial Stock
3-150-705	TA35 Circuit Breaker 2p 10A T2	TA35-CBDWM100T2-000	100
3-150-706	TA35 Circuit Breaker 2p 10A F2	TA35-CBDWM100F2-000	100
3-150-707	TA35 Circuit Breaker 2p 16A F2	TA35-C324F160F2-000	100
3-150-708	TA35 Circuit Breaker 2p 16A T2	TA35-C324F160T2-000	100

TA36 Circuit Breakers with Magnetic Release

Part no.	Material Description	Configuration Code	Initial Stock
3-150-709	TA36 Circuit Breaker 2p 3A T2	TA36-RS24FQ200BBHW030T20-000	100
3-150-710	TA36 Circuit Breaker 2p 10A T2	TA36-RS24FQ200BWHE100T20-000	100
3-150-711	TA36 Circuit Breaker 2p 10A F2	TA36-RS24FQ200BBHW100F20-000	100
3-150-712	TA36 Circuit Breaker 2p 16A T2	TA36-RS24FQ200BWHE160T20-000	100
3-150-713	TA36 Circuit Breaker 2p 16A F2	TA36-RS24FQ200BBHE160F20-000	100
3-150-714	TA36 Circuit Breaker 2p 16A T2	TA36-RS24FQ200BBHW160T20-000	100