

Hydraulic-Magnetic Circuit Breaker Type 8345

Excellent Protection from 0.05 through 125 Amp.



Technical information

Hydraulic-Magnetic Circuit Breaker Type 8345

Reliability and endurance are indispensable features of switching and control systems in telecommunications, factory automation and railway technology. If only one component fails in such a sophisticated application the consequences may be disastrous. The hydraulic-magnetic circuit breaker 8345 has been particularly designed for these demanding requirements: it consists of a powerful basic device which

can be tailored to customer's needs by a wide range of additional features and options. As a new module the remote ON/OFF actuation X8345-R has now become available. It provides remotely controlled ON and OFF functionality of the circuit breaker.

Type 8345 is available with a choice of characteristic curves and is suitable for

use in AC circuits as well as DC circuits up to 80 V, and with ratings from 0.05 A through 125 A. A special version for DC 110 V is also available. The product is fully UL and VDE approved.

Technical data

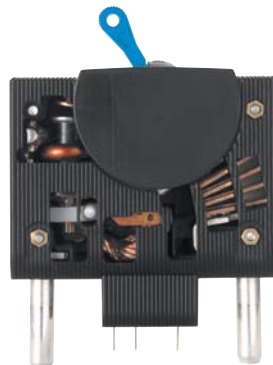
Rated voltage	DC 80 V, DC 110 V, AC 230/400 V, AC 277/480 V
Current rating range	0.05...125 A
Ambient temperature	-40...+85 °C (-40...+185 °F)
Rupture capacity EN 60934, PC1 UL 489 / UL 1077	5,000 A/10,000 A
Typical life	10,000 cycles at rated current
Number of poles	1–4 poles

Approvals

VDE (EN/IEC 60934)
UL 489 / UL 1077

Features and benefits

- wide range of characteristic curves for current ratings 0.05 through 125 A
- suitable for worldwide usage with UL and VDE approvals
- max. current rating 125 A, narrow profile (19 mm)
- plug-in design with hot-swap function (with 6 mm round connectors) for entire current rating range
- remote trip module snapped onto the base unit
- remote ON/OFF actuation module for operation of the circuit breaker from a centralised control room



Hydraulic-Magnetic Circuit Breaker
Type 8345 + X8345-R (remote ON/OFF
actuation module)



Hydraulic-Magnetic Circuit Breaker
Type 8345 + X8345-F (remote trip
module)


Circuit Protection & Control

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