

## Standards

## Safety:

EN 60950-1, EN 50178,
EN/IEC 60204-1
EMC:
EN 61000-6-2, EN 61000-6-3
Safety extra-low voltage (SELV/PELV):
IEC 60364-4-41 (DIN VDE 0100-410)
CE acc. to 2004/108/EG (EMC-Directive)

Advantages
Adjustable tripping current for each output channel via current selector switch
Selective immediate switch off of defective circuits in the event of critical supply voltage

Sequential and load-dependent switching-on of channels
Comprehensive single-channel-diagnostics and remote switching on/off of each output channel via 2 -wire-interface
Further diagnoses of input voltage and the current of each circuit
Group alarm contact
3 years warranty

## Applications

The BASIC SMART circuit breakers guarantee maximum system availability. In the event of overload, only the faulty current paths are reliably switched off without affecting the remaining circuits thanks to active current limiting to 1.7 times the rated current. The electronic circuit breaker distributes and monitors the load current over several current circuits. Overloads and short circuits on an output are reliably recognized. The electronics permit brief current peaks and switch longer overloads off. The rated current for each output can be individually set with a current selector switch accessible from the front. The outputs are activated depending on the time delay and load to avoid an overload current. If the rated current is exceeded for a certain amount of time, the output will be switched off automatically and can be reactivated after a waiting time (thermal relaxation) using the pushbutton or the remote signal input S1. The pushbutton can also be used to switch the output manually. It is possible to read out the state of each output using the three signal contacts. The state of each output is also indicated with a multi-colored LED.

Approvals E月[ $\boldsymbol{\text { II }}=$ (W)

UL 2367, UL 508, DNV GL, EAC


