

## 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

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 using only two lines

Group alarm contact
3 years warranty

## Applications

If circuits are designed with the same safety values in a number of applications, the BASIC FIX circuit breakers represent the most economical basis. Different rated current combinations enable use in a wide range of applications. Each channel features active current limiting to 1.3 times the fixed preset 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 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 multicolored LED.

Picture shows PM-0724-400/200-0

## Approvals <br> 

UL 2367, UL 508, DNV GL

Electronic circuit breaker with current limiting and non-adjustable tripping currents PM-2824-120-0


