



## Powerfuse

### Application:

The Powerfuse is used in the low voltage distribution network.

It maintains the temporary continuous power supply on cables with intermittent faults.

The Powerfuse replaces the fuse until the fault is located and the cable is repaired. It switches the supply on again automatically after a fault occurs.

The number of faults is stored and limited.

### Applications of the Powerfuse are:

- Switching of LV cables without arc:
  - Check of the cable condition after fuse tripping
  - Reconnection after maintenance
  - Commissioning after assembling
- Self-acting reconnection of critical cables:
  - After short circuit of intermittent cable faults
  - After overload
- Cable fault prelocation in connection with pulse reflection instrument (Teleflex)

### Salient features:

- Compact unit which can be installed even in the smallest LV distributors
- Surveillance of switching operations, switching time and temperature
- Exact simulation of NH fuses
- No extra connection unit needed
- Integrated temperature monitoring
- Release current selectable
- Light weight



### Technical data:

Release current	125/ 160 / 200 A 250/ 315 A
Switching on again within 5 min	9 times
Connection requirement single phased	230 V, 50 Hz 40 VA
Temperature range	
Release current at 250 A	-25.... +55 °C
Release current at 250 - 315 A	-25.... +40 °C
Fuse (W x B x D)	405 x 400 x 121 mm
Weight	20 kg
Control Unit (W x B x D)	280 x 191 x 80 mm



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS  
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS