## **Powerfuse**

## **Application:**

The Powerfuse is used in the low voltage distribution network.

It maintains the temporar 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.



- 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 intermittend 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 distributers
- 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

230 V, 50 Hz Connection requirement single phased 40 VA

Temperature range

Release current at 250 A -25.... +55 °C Release current at 250 - 315 A -25.... +40 °C

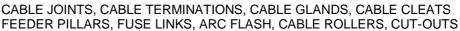
405 x 400 x 121 mm  $(W \times B \times D)$ 20 kg

Weight

Control Unit

 $(W \times B \times D)$ 280 x 191 x 80 mm







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