

# MT-FDE 80AIII

MT-FDE 80AIII, Circuit breaker

Code: P20D60. **DESCATALOGADO**

> Poles: 3

> In (A): 80 A

## Description

Automatic switch with remote control of the **MT-FDE** Series, for currents of 80 to 250 A, 3 and 4 poles. Responsible for the protection against shortcircuits and overloads, but also used as a circuit breaker. The switch can be reclosed with two methods, depending on the adjustment of the motor group in the operations mode:

- "MANU": executed manually with the same switch, following the OFF and ON sequence.
- "AUTO": carried out with an electrical impulse, following the OFF and ON sequence.

## Application

The MT-FDE Series is composed of motorized circuit breakers that can be activated remotely and can be used in any application that uses a connection/disconnection remote control. They are also used as circuit breakers associated to the self-reclosing relays, for example, RGU-10 MT or RRM. They are a vital accessory in the self-reclosing overload and residual current protection process.



# MT-FDE 80AIII

Motorized circuit-breaker (from 63 A)

Code: P20D60.

## Specifications

### AC power supply

| | |
|---|---|
| Frequency | 50 ... 60 Hz |

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 81 x 130 x 185 (mm) |
| Fastening | Panel (base + plug-in socket) |
| Weight (kg) | 2,9 |

### Environmental characteristics

| | |
|---|---|
| Protection class | IP 40 (DIN 40050) |
| Storage temperature | -55 ... +55 °C |
| Operating temperature | -25 ... +55 °C |

### Motor

| | |
|---|---|
| On / off pulse time | 50 / 50 ms |
| Minimum voltage | 210 V ~ |
| Nominal voltage | 230 V ~ |

### Standards

| | |
|---|---|
| Standards | IEC 60947-2 |

### Thermal-magnetic protection

| | |
|---|---|
| Trip curve, Type | C ó D (según tipo) |
| Nominal current In (A) | 80 |
| Breaking capacity | 25 kA (IEC 60947-2) |
| Nominal voltage | 240 / 415 V ~ |

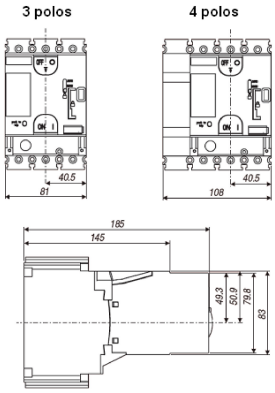


# MT-FDE 80AIII

Motorized circuit-breaker (from 63 A)

Code: P20D60.

## Dimensions




## Connections

