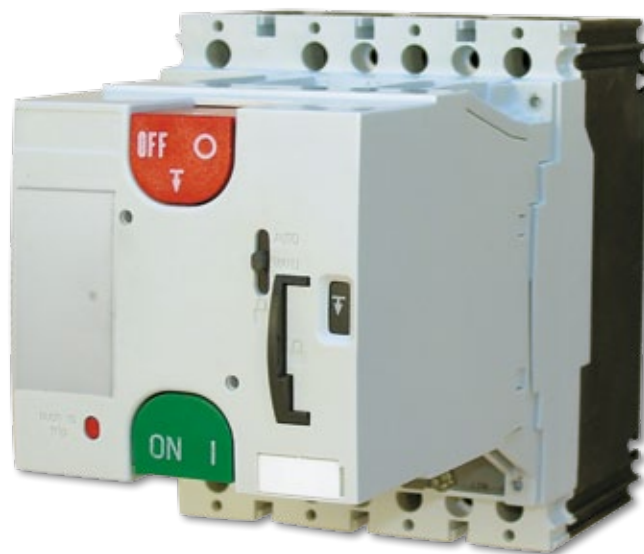


Overcurrent and earth leakage protection and self-reclosing

MT-FDE

Motorized circuit-breaker (from 63 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 short-circuits 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 earth leakage protection process.

Features

Circuit-breaker	
Gauges I_n (A)	MT-FDE: 80-100-125-160 MT-FEE: 250
No. of poles	3 or 4, depending on the type
Nominal cut-out power (IEC 947-2)	MT-FDE: 25 kA, in accordance with IEC 60947-2 MT-FEE: 36 kA
Typical curve	C or D, depending on the type
Nominal working voltage	240 / 415 Vac
Work frequency range	50 ... 60 Hz
Operating temperature	-25 ... +55 °C
Storage temperature	-55 ... +55 °C
Motor	
Nominal voltage	230 Vac
Minimum voltage	210 Vac
Activation impulse	50 ms
Deactivation impulse	50 ms
Construction features	
Fixing	Panel (base + plug-in socket)
Dimensions	3 poles: 81 x 130 x 185 mm 4 poles: 108 x 130 x 185 mm
Weight	Depending on the type
Degree of protection	IP 40 (DIN 40050)
Standards	
IEC 60947-2	

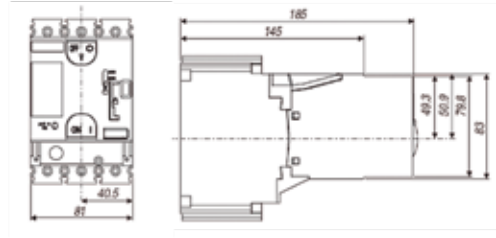
Overcurrent and earth leakage protection and self-reclosing

Dimensions

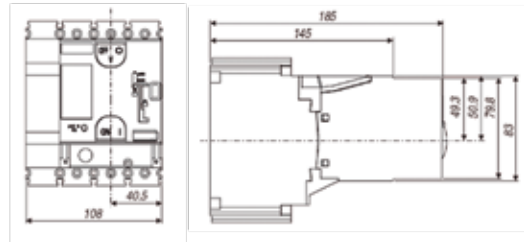
MT-FDE

Motorized circuit-breaker (from 63 A)

3 poles



4 poles



References

	3 poles			4 poles		
	Type	Weight (kg)	Code	Type	Weight (kg)	Code
80	MT-FDE-80A	2,9	P20D60	MT-FDE-80A	3,4	P20D70
100	MT-FDE-100A	2,9	P20D61	MT-FDE-100A	3,4	P20D71
125	MT-FDE-125A	2,9	P20D62	MT-FDE-125A	3,4	P20D72
160	MT-FDE-160A	2,9	P20D63	MT-FDE-160A	3,4	P20D73
250	MT-FDE-250A	3,8	P20D64	MT-FDE-250A	4,6	P20D74

Connections

