

RECmax MP-D4-25, Motorized circuit breaker, 4-pole D-curve

Code: P27144. > Poles: 4 > In (A): 25 A

> Curve: D

#### Description

The **RECmax MP** series are motorized circuit breakers that can be linked remotely. They offer protection against short-circuits and overloads, and can also be used as a circuit breaker. After a disconnection caused by a circuit breaker, the switch can be reconnected by an external order. It has two inputs which, via voltage-free external signals, order the opening (input 0) and subsequent closing (reclosing) of the circuit breaker (input I). It also features two single-contact outputs for signalling the status and the cause of the opening and closing of the circuit breaker (trip, manual/test).

#### Application

The **RECmax MP** series are motorized circuit breakers that can be controlled remotely, suitable for any application in which remote control of connection/disconnection is required.

They are also used as circuit breakers linked to **CIRCUTOR** self-reclosing relays. They are an essential accessory for automatic circuit breaker and residual current reclosing and protection.

# Circutor



Motorised circuit breaker (up to 63 A)

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#### Specifications

AC power supply		
Installation category	CAT III 300 V	
Consumption	4,5 VA	
Frequency	50 / 60 Hz.	
Nominal voltage	230V ~ ± 30%	
Mechanical characteristics		
Size (mm) width x height x depth	115 x 110 x 83 (mm)	
Envelope	Plastic VO polycarbonate + GF	
Fastening	DIN 46277 (EN 50022)	
Weight (kg)	0,652	
Environmental characteristics		
Protection class	Motor: IP 40 (DIN 40050) / RECmax MP: IP 20	
Relative humidity (without condensation)	595 %	
Working temperature	-20 +70 °C	
Standards		
Electrical safety, Maximum height (m)	2000	
Standards	IEC 60898, IEC 60947-2	
Motor		
Frequency (Hz)	50 / 60	
Absorbed power	10 VA	
Tripping / motor reclosure time	< 10 ms / < 1000 ms	
On / off pulse time	> 10 ms / > 10 ms	
Maximum voltage	420 V ~	
Minimum voltage	90 V ~	
Nominal voltage	230 V ~ ± 30 %	
Electrical life	> 20000 operations	
Digital relay outputs		
Nominal current	0,25 A	
Туре	Simple contacts	
Nominal voltage	230 V ~	
Thermal-magnetic protection		
Trip curve, Type	D	
Nominal current In (A)	25	

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Number of mechanical / electrical manoeuvres	> 20000 / 10000
Rated short-circuit breaking capacity (Icn) / service short-circuit breaking capacity (Ics) (IEC 60898)	6 kA
Voltage breaking capacity (IEC 60898)	230 / 400 V ~
AC ultimate short-circuit breaking capacity (Icu) (IEC 60947-2)	10 kA
V~ Breaking capacity (IEC 60947-2)	415 V ~
Minimum operating voltage UB min (V)	12 V ~
Nominal voltage	240 / 415 V ~

#### RECmaxMP

MCB with reclosing (up to 63 A )  $\,$ 

CODE	ТҮРЕ	Poles	In (A)	Curve
2 Poles, C Curve				
P27110.	RECmax MP-C2-6	2	6 A	С
P27111.	RECmax MP-C2-10	2	10 A	С
P27112.	RECmax MP-C2-16	2	16 A	C
P27113.	RECmax MP-C2-20	2	20 A	C
P27114.	RECmax MP-C2-25	2	25 A	С
P27115.	RECmax MP-C2-32	2	32 A	С
P27116.	RECmax MP-C2-40	2	40 A	C
P27117.	RECmax MP-C2-50	2	50 A	C
P27118.	RECmax MP-C2-63	2	63 A	C
4 Poles, C Curve				
P27120.	RECmax MP-C4-6	4	6 A	С
P27121.	RECmax MP-C4-10	4	10 A	С
P27122.	RECmax MP-C4-16	4	16 A	C
P27123.	RECmax MP-C4-20	4	20 A	C
P27124.	RECmax MP-C4-25	4	25 A	C
P27125.	RECmax MP-C4-32	4	32 A	С
P27126.	RECmax MP-C4-40	4	40 A	C
P27127.	RECmax MP-C4-50	4	50 A	C
P27128.	RECmax MP-C4-63	4	63 A	C
2 Poles, D Curve				
P27130.	RECmax MP-D2-6	2	6 A	D
P27132.	RECmax MP-D2-16	2	16 A	D
P27136.	RECmax MP-D2-40	2	40 A	D
P27137.	RECmax MP-D2-50	2	50 A	D
P27138.	RECmax MP-D2-63	2	63 A	D

4 Poles, D Curve

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RECmax MP-D4-6			
	4	6 A	D
RECmax MP-D4-10	4	10 A	D
RECmax MP-D4-20	4	20 A	D
RECmax MP-D4-25	4	25 A	D
RECmax MP-D4-40	4	40 A	D
RECmax MP-D4-50	4	50 A	D
RECmax MP-D4-63	4	63 A	D
-	RECmax MP-D4-20 RECmax MP-D4-25 RECmax MP-D4-40 RECmax MP-D4-50	RECmax MP-D4-20     4       RECmax MP-D4-25     4       RECmax MP-D4-40     4       RECmax MP-D4-50     4	RECmax MP-D4-20 4 20 A   RECmax MP-D4-25 4 25 A   RECmax MP-D4-40 4 40 A   RECmax MP-D4-50 4 50 A

C/D curve circuit breakers with 6 kA cut off power (IEC 60898).





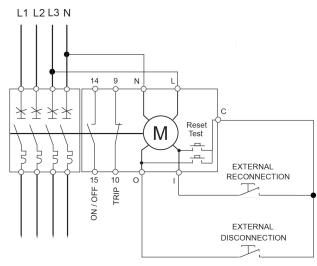
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Dimensions

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Connections



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