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RECmax MP-D2-10

RECmax MP-D2-10, Motorized circuit breaker, 2-pole D-curve

Code: P27131. CONSULTAR DISPONIBILIDAD

> Poles: 2 > In (A): 10 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 voltagefree 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.









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	79 x 110 x 83 (mm)	
Envelope	Plastic V0 polycarbonate + GF	
Fastening	DIN 46277 (EN 50022)	
Weight (kg)	0,415	
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)	10	



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Number of mechanical / electrical manoeuvres	> 20000 / 10000
Ultimate short-circuit breaking capacity (Icu) / service short-circuit breaking capacity (Ics), in DC (IEC 60947-2)	30 kA
DC voltage breaking capacity (IEC 60947-2)	< 125 V
AC ultimate short-circuit breaking capacity (Icu) (IEC 60947-2)	20 kA
V~ Breaking capacity (IEC 60947-2)	240 V ~
Minimum operating voltage UB min (V)	12 V ~
Nominal voltage	240 / 415 V ~

MCB with reclosing (up to 63~A)

CODE	TYPE	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	С
P27113.	RECmax MP-C2-20	2	20 A	С
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	С
P27118.	RECmax MP-C2-63	2	63 A	С
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	С
P27123.	RECmax MP-C4-20	4	20 A	С
P27124.	RECmax MP-C4-25	4	25 A	С
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	С
P27128.	RECmax MP-C4-63	4	63 A	С
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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CODE	TYPE	Poles	In (A)	Curve
P27140.	RECmax MP-D4-6	4	6 A	D
P27141.	RECmax MP-D4-10	4	10 A	D
P27143.	RECmax MP-D4-20	4	20 A	D
P27144.	RECmax MP-D4-25	4	25 A	D
P27146.	RECmax MP-D4-40	4	40 A	D
P27147.	RECmax MP-D4-50	4	50 A	D
P27148.	RECmax MP-D4-63	4	63 A	D

 $\ensuremath{\text{C/D}}$ curve circuit breakers with 6 kA cut off power (IEC 60898).







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Connections Dimensions





