



MCB-200 BATTERY POWERED MULTIFUNCTIONAL TIME RELAYS

The most important features of ENTES MCB-200 Multifunctional Digital Time Relays that distinguish them from other relays:

- **Internal battery** eliminating the need of power supply
 - **Battery life** : 10 years
 - **Switching life** : 1.000.000 switching
- User-friendly menu
- Flexible and targeted solutions for numerous applications
- Internal memory to store time and relay status information
- Functions are performed without time offset with adjusted real time
- Precise time setting between 0,2-9999s / 0,1-9999min
- 15 different functions



Product Code	Time	Triggering Input	ON Delay	OFF Delay	Pulse	Asymmetrical Flasher	Symmetrical Flasher	Start/Stop	Counter	Left-Right	Star/Delta	2 Step ON Delay	2 Step OFF Delay	85-315V AC/DC	Internal Battery	DIN II Enclosure	Pcs./Package
MCB-200 Multifunctional Time Relay without Power Supply	0,2-9999s/0,1-9999min	●	○	○	○	○	○								●	●	16

○ Functions with Triggering

Main and Sub-functions Table

A) ON Delay

- 1) ON Delay with Control Input
- 2) Resettable ON Delay with Rising Edge Trigger

B) OFF Delay

- 1) Resettable OFF Delay with Falling Edge Trigger
- 2) OFF Delay with Control Input
- 3) OFF Delay with Rising Edge Trigger

C) Pulse

- 1) Resettable ON Delay Pulse with Rising Edge Trigger
- 2) Resettable OFF Delay Pulse with Rising Edge Trigger

D) Asymmetrical Flasher (starting with pulse)

- 1) Asymmetrical Flasher (starting with pulse) with Control Input
- 2) Asymmetrical Flasher (starting with pulse) with Rising Edge Trigger

E) Asymmetrical Flasher (starting with pause)

- 1) Asymmetrical Flasher (starting with pause) with Control Input
- 2) Asymmetrical Flasher (starting with pause) with Rising Edge Trigger

F) Symmetrical Flasher (starting with pulse)

- 1) Symmetrical Flasher (starting with pulse) with Control Input
- 2) Resettable Symmetrical Flasher (starting with pulse) with Rising Edge Trigger

G) Symmetrical Flasher (starting with pause)

- 1) Symmetrical Flasher (starting with pause) with Control Input
- 2) Resettable Symmetrical Flasher (starting with pause) with Rising Edge Trigger

SPECIFICATIONS

	MCB-200
ENCLOSURE	
Dimensions	PK25 (DIN II)
Protection Class	IP20
INPUT	
Supplying Type	3,2V Li-Po Battery
Battery Life	10 years (idle), 1.000.000 switching
Triggering Input	2 Dry Contact (Start, Stop)
OUTPUT	
Repeat Accuracy	%0,5
Reset Time	<120ms
Contact Output	1 C/O (8A,2000VA)
AMBIENT CONDITIONS	
Operating Temperature; Humidity	-5°C /+55°C ; max. %85
CONNECTIONS	
Mounting	Rail Mounting
Connection Types	Single Phase, Two Wires

HEADQUARTERS

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