

Multifunctional Time Relays

MCB-100/200 - ERTC-100 Series



MCB-200

New Generation Multifunctional Digital Time Relays;

- **Self Supply: Operating with internal battery without power supply (MCB-200)**
- **Battery life of 1,000,000 switching (MCB-200)**
- Easy setup with user-friendly menu
- In addition to its main functions, offering flexible solutions that are tailored to objective with trigger-controlled rich sub-functions
- With memory feature, saving time and state information in the memory when supply is cut off, and resuming on when supply is back
- Performing functions based on real time clock with its digital time setting

PRODUCT SELECTION TABLE

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	Memory	10-30 VAC/DC	85-315 VAC/DC	Self Supply	DIN II Enclosure	Pcs./Box
MCB-100	Multifunctional Time Relay	0,1sec-9999min.	●							●	●	●	●	*	●			●	16
MCB-101	Multifunctional Time Relay	0,1sec-9999min.	●							●	●	●	●	*	●			●	16
MCB-120	Multifunctional Time Relay	0,1sec-9999min.	●	●	●	●	●								*	●		●	16
MCB-121	Multifunctional Time Relay	0,1sec-9999min.	●	●	●	●	●								*	●		●	16
MCB-125	Multifunctional Time Relay	0,1sec-9999min.	●	●	●	●	●	●	●						*			●	16
MCB-126	Multifunctional Time Relay	0,1sec-9999min.	●	●	●	●	●	●	●						*	●		●	16
MCB-130	Multifunctional Time Relay	0,1sec-9999min.	●	●	●	●	●	●	●	●	●	●	●	●	*	●		●	16
MCB-131	Multifunctional Time Relay	0,1sec-9999min.	●	●	●	●	●	●	●	●	●	●	●	●	*	●		●	16
MCB-200	Multifunctional Time Relay (Battery operated)	0.2sec-9999sec-0,1min-9999min	●	○	○	○	○										●	●	16
ERTC-100	Counter / Pulse Time Relay	0,1sec-9999min.	●		●				●						*	●		●	16
ERTC-101	Counter / Pulse Time Relay	0,1sec-9999min.	●		●				●						*	●		●	16

△ Refer to the function table to see sub-functions included in main functions.

○ Functions with Triggering

SPECIFICATIONS	MCB-100	MCB-120	MCB-125	MCB-130	ERTC-100	MCB-200	MCB-101	MCB-121	MCB-126	MCB-131	ERTC-101
ENCLOSURE											
Dimensions	PK25										
Protection Class	IP 20										
INPUT											
Operating Voltage Range	85-315 VAC/DC					-	10-30 VAC/DC				
Power Consumption	<2.5VA										
Control Input	Dry Contact										
OUTPUT											
Repeat Accuracy	0.5%										
Reset Time	<120msec										
Contact Output	2CO 6A 2000VA	1CO 6A 2000VA	2CO 6A 2000VA	1CO 6A 2000VA	1CO 8A 2000VA	2CO 6A 2000VA	1CO 6A 2000VA	2CO 6A 2000VA	1CO 6A 2000VA	2CO 6A 2000VA	
AMBIENT CONDITIONS											
Operating Temperature	-5...+55 °C ; 85%										
Humidity											
CONNECTIONS											
Mounting	Rail Mounts ; Terminals with Screw										
Connection Types	Single Phase Two Wires										

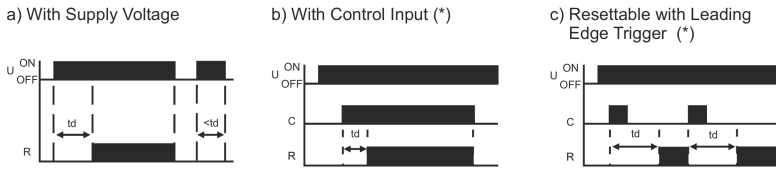


Multifunctional Time Relays

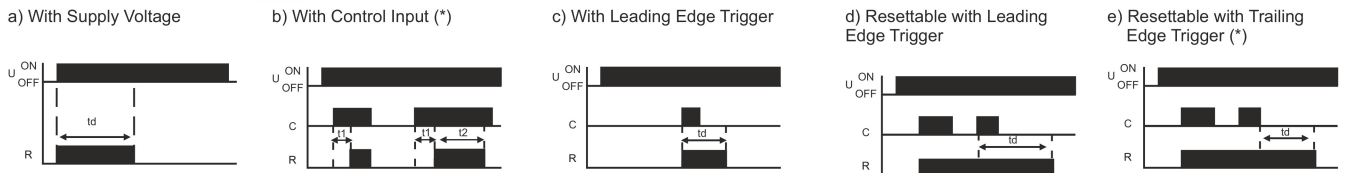
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Main Functions

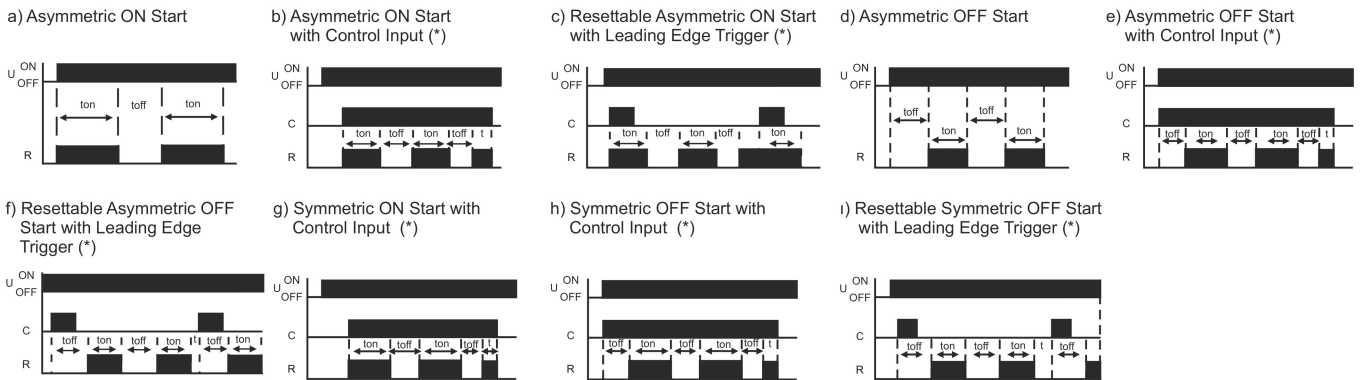
ON Delay



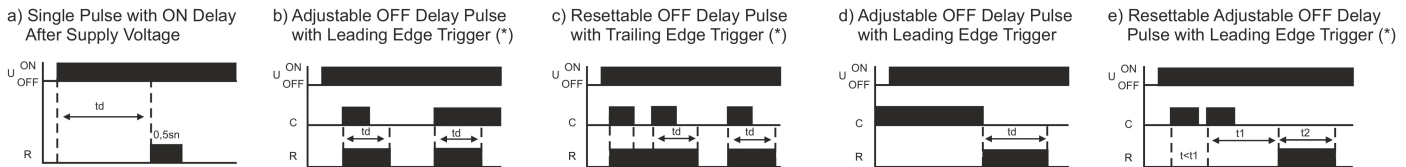
OFF Delay



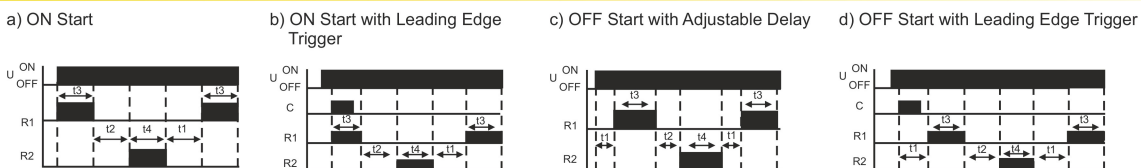
Flasher



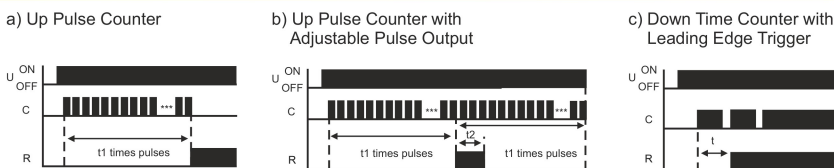
Pulse



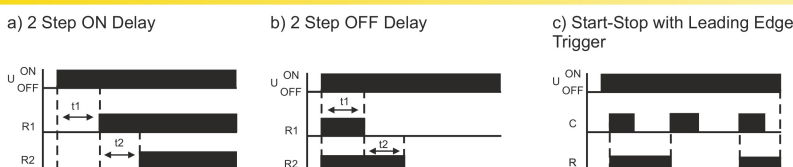
Right-Left Switcher (With Adjustable Time)



Counter



2 Step ON and OFF Delay / Start - Stop

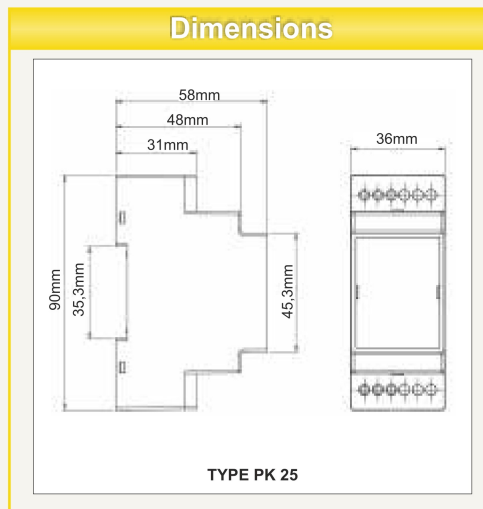
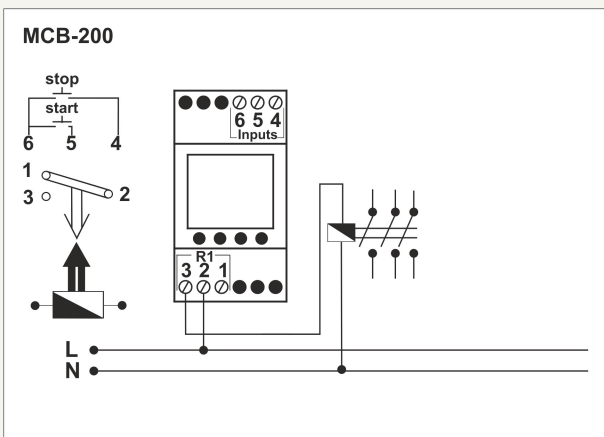
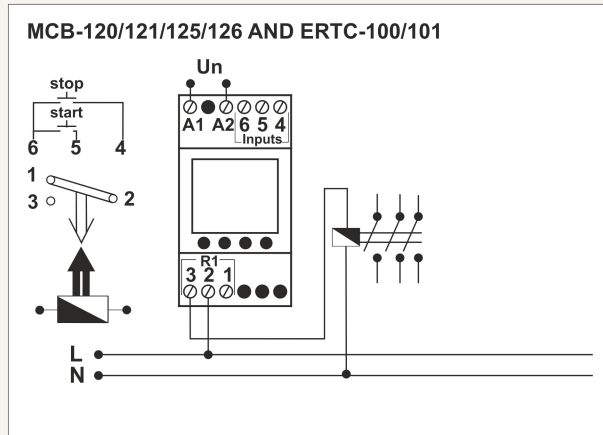
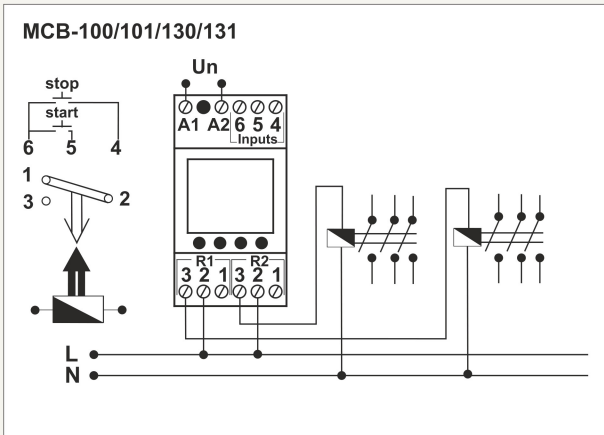


* MCB-200 contains only the functions marked with (*) under Main Functions.

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Connection Diagrams



Connection diagrams are given for reference. Please always check the latest user manual given with product or download from www.entec.com.tr