

Timing – Motor Protection – Level Control Compact and Multifunction Solutions

Electronic Relays – RTW17, ERWT, RWM17,
RPW, ERWM, and RNW Series

Compact and multifunction solutions for electrical equipment and industrial, commercial, and residential applications. WEG offers timing relays (17.5mm RTW17 and ERWT series), protection relays (17.5mm RPW and ERWM series), and level relays (22.5mm RNW series).



UL File No. E189202

Standard Features

- Compact design with a 17.5mm and 22.5mm width frame
- Direct mounting on 35mm DIN rail or fixed with screws
- LED lights for status indication
- High precision electronic circuit with noise immunity
- Suitable for installation in distribution boards, industrial panels, and motor starters

Timing Relays - RTW17 Series

Used for switching an output signal based on a selected time and function

8 configurable functions:

- RTW17-A – ON-delay
- RTW17-E – Impulse ON
- RTW17-G – Star (Wye)-Delta
- RTW17-Ba – OFF-delay with external command
- RTW17-Da – Symmetrical flasher, starts with pulse ON
- RTW17-Db – Symmetrical flasher, starts with pulse OFF
- RTW17-Dc – Asymmetrical flasher, starts with pulse ON
- RTW17-Dd – Asymmetrical flasher, starts with pulse OFF
- Multiple voltages 24-240 VAC/VDC 50/60Hz
- Multiple timing 0.1 second – 240 hours (10 days)

Timing Relays - ERWT Multifunction Series

Used for switching an output signal based on a selected time and function

Multifunction with 8 configurable functions:

ERWT-MF1

- A – ON-delay
- Ba – ON-delay with control signal
- Ca – ON and OFF delay with control signal
- Da – Symmetric flasher, start ON
- Db – Symmetric flasher, start OFF
- E – Impulse ON
- Fa – Impulse ON with control signal
- G – Star (Wye)-Delta
- Multiple voltages 24-240 VAC/VDC 50/60Hz
- Multiple timing 0.1 second – 240 hours (10 days)

ERWT-MF2

- Cb – ON and OFF delay with control signal
- Dc – Symmetric flasher, start ON
- Dd – Asymmetric flasher, start OFF
- De – Percentage flasher, start ON
- Df – Percentage flasher, start OFF
- Dg – Flasher for motor reversing
- J – Bistable
- Ia – Delayed adjustable-length pulse



Electronic Relays

Protection Relays – RWM17 & RPW Series

Used for monitoring voltages and interrupting three-phase systems in an event of electrical failure

5 configurable functions:

- RMW17-FF – Phase loss relay
- RMW17-SF – Phase sequence relay
- RMW17-FSF – Phase loss and sequence relay
- RMW17-SS – Three-phase undervoltage and overvoltage relay
- RMW17-SSM – Single phase undervoltage and overvoltage relay
- RPW-PTC – Thermister Relay

Protection Relays – ERWM Multifunction Series

Used for monitoring voltages and interrupting three-phase systems in an event of electrical failure

Configurable functions:

ERWM-VM1

- PF – Phase loss relay
- PS – Phase sequence relay
- >Un – Over-voltage relay
- <Un – Under-voltage relay
- Asy – Unbalance relay
- ND – Neutral detection relay
- Multiple voltages 208-480 VAC 50/60Hz

ERWM-VM2

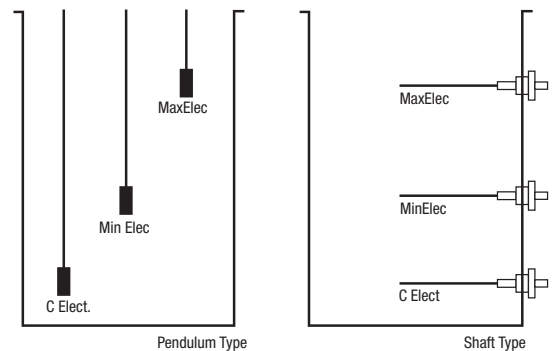
- PF – Phase loss relay
- Un – Over-voltage/Under-voltage relay
- Asy – Unbalance relay
- ND – Neutral detection relay

Level Relays – RNW Series

Used for monitoring and adjusting electronic circuit to liquid resistance

2 configurable functions:

- RNW EN – Filing
- RNW ES – Draining
- Multiple voltages 100-240 VAC/VDC at 50/60Hz



Note: The EHW shaft sensors can be fixed both horizontally and vertically

Accessories for Level Relays RNW Series

Adaptor for screw fixing - PLMP



Shaft electrode - EHW



Pendulum electrode - EPW



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