



TMR 120 POWER LATCHING RELAY

TE Connectivity's (TE) TMR 120 Relay Series is a power latching relay that is primarily designed for charging stations and metering applications. With the design of an auxiliary contact, it is able to monitor the status of the main contact and ensure the safety in abnormal situations. With the development of charging station markets, the power of the charging station is increasing, TMR 120 Relay can switch to 120A current at rated voltage to meet these requirements. The TMR Relay Series is a high performing relay, with terminals that can be customized which makes it easy to design in.

BENEFITS

- Lower heat rise and energy saving
- Improves platform to higher power
- Allows for safe monitoring of the charging stations
- Enables easy design-in process to customers applications

KEY FEATURES

- Latching/bi-stable
- High switching capability at 120A
- Auxiliary contact available
- Terminals can be customized according to customer requirement
- High short-circuit capacity

TMR 120 Power Latching Relay

APPLICATIONS

- EV Charging
- Smart Metering

MATERIALS

- Ag alloy (Cd free)

ELECTRICAL

- 120A, 24VDC, resistive

MECHANICAL

- Customized terminals
- Auxiliary contact available

SPECIFICATIONS

- 10kcycles
- Short circuit capability meets IEC62055-31 UC3

Part Number List

Product code	Version	Coil	Contact Material	Contact Terminals	Part Number
TMR120-1H4-B012D10,03000	Vertical	12V Bistable, 1 Coil 3W	Ag alloy	Angled	2071540-1

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