CIT® Relay & Switch

SMART SOLUTIONS *are found here*

Power Supply
relays & switches

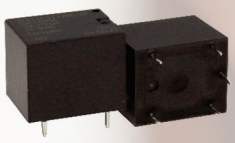
Electromechanical relays play a cruicial role in power supply systems by providing control, protection, and automation fuctions. Our EMRs are used to switch electrical circuits on and off, control power distribution and act as an interface between low-voltage control circuits. They also detect abnormal conditions such as short circuits or voltage spikes and disconnect power supply to prevent damage to equipment. In UPS systems, relays help transfer loads between primary and backup power sources, and facilitate load shedding by prioritizing critical loads when power is limited. EMRs help in power factor correction, isolation and safety, and sequential control in power systems.

Electromechanical Relays

J105 Series

Contact Ratings		NO 10A@120VAC / 277VAC 5A@240VAC / 277VAC 3A@30VDC		NC 10A@120VAC 5A@240VAC 3A@30VDC
Contact Arrangements	1A SPST, NO 1C SPDT	Coil Voltages	3VDC; 5VDC; 6VDC; 9VDC; 12VDC; 18VDC; 24VDC; 48VDC	
Coil Power	.20W; .45W			

J107 & J107F Series



Contact Ratings		J107 15A@125VAC 10A@120VAC / 277VAC 7A@240VAC / 30VDC 20A@16VDC / 125VAC		J107F 10A@250VAC 15A@125VAC 6A@277VAC 12A@125VAC / 28VDC
Contact Arrangements	1A SPST, NO 1B SPST, NC 1C SPDT	Coil Voltages	J107 3VDC; 5VDC; 6VDC; 9VDC; 12VDC; 18VDC; 24VDC; 48VDC	J107F 3VDC; 5VDC; 9VDC; 12VDC; 24VDC; 48VDC
Coil Power	.36W; .45W; .80W			

J115E, J115F & J115F 50Amp Series

Contact Ratings

J115E	up to 30A
J115F	up to 40A
J115F 50Amp	up to 50A

Coil Voltages

J115E	5VDC up to 110VDC
J115F	5VDC up to 110VDC; 12VAC up to 277VAC
J115F 50Amp	5VDC up to 48VDC; 24VAC up to 277VAC

Contact Arrangements	1A SPST NO 1B SPST NC 1C SPDT
Coil Power	.60W; .90W; 1.5W; ; 2VA; 2.7VA

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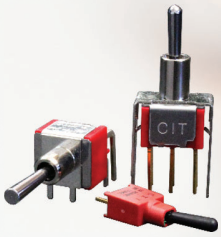
Electromechanical Relays

L115F1 Series
Latching

Contact Arrangements	1A SPST, NO 1C SPDT
Coil Power	.36W
Contact Ratings	15A@125VAC 10A@120VAC / 277VAC 7A@240VAC / 30VDC
Coil Voltages	3VDC; 5VDC; 6VDC; 9VDC; 12VDC; 18VDC; 24VDC; 48VDC

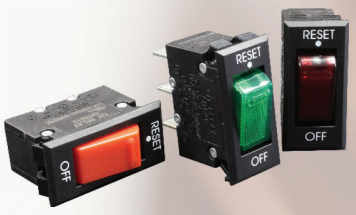
Electromechanical Switches

Toggle Switches



Rocker Switches

CITR2 Series



Electromechanical switches play a critical role in power supply equipment, providing control, protection, and circuit management. Here is how they are commonly used:

Power On/Off Control — Used to manually turn power supply units on and off.

Overcurrent and Overvoltage Protection — Switches integrated into circuit breakers and surge protectors help disconnect power when voltage or current exceeds safe limits

Mode Selection & Configuration — Rotary switches and DIP switches allow users to configure power supply modes, such as voltage or frequency settings.

Battery Backup & Transfer Switching — Electromechanical switches help transition between main power and backup sources, like generators or batteries, in case of power failure.

Load Switching & Power Distribution — Switches and relays control large loads in industrial power supplies, ensuring safe and efficient power distribution.

CIT Relay & Switch offers all these switches and more for use in the Power Supply industry. Contact us today for more detailed information about our electromechanical switches and relays.

CIT® Relay & Switch

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CIT Relay & Switch delivers a comprehensive selection of ROHS-compliant electromechanical relays, switches and solid-state relays, designed to meet the demands of a wide variety of industries — from automotive and telecom to industrial automation, building systems, and beyond. We appreciate the opportunity to earn your business and demonstrate why companies across diverse sectors trust CIT for dependable performance, responsive service and consistent quality.

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