

Spectra Trading (Pty) Ltd

Reg No: 2025/525554/07

Relay Types & Specifications

Relay Type	Voltage Range	Current Rating	Contact Configuration	Package Type	Typical Applications
Electromechanical Relay (EMR)	5V – 250V AC/DC	1A – 30A	SPST, SPDT, DPDT	Through-hole, DIN rail	General switching, automation, HVAC, lighting systems
Solid State Relay (SSR)	3V – 480V AC/DC	0.1A – 100A+	SPST, SPDT	Panel mount, PCB mount	Silent switching, industrial control, high-speed
Reed Relay	5V – 24V DC	Up to 1A	SPST, SPDT	DIP, SMD	Signal switching, instrumentation, telecom
Latching Relay	5V – 48V DC	1A – 10A	SPST, DPDT	Through-hole, panel mount	Memory circuits, energy-saving systems
Thermal Relay	24V – 600V AC	5A – 100A+	SPST, SPDT	DIN rail, chassis mount	Motor protection, overload detection
Time Delay Relay	12V – 240V AC/DC	1A – 30A	SPDT, DPDT	DIN rail, plug-in	Sequential control, automation timing
Automotive Relay	12V – 24V DC	10A – 70A	SPST, SPDT	Blade, plug-in	Vehicle electronics, lighting, fuel systems