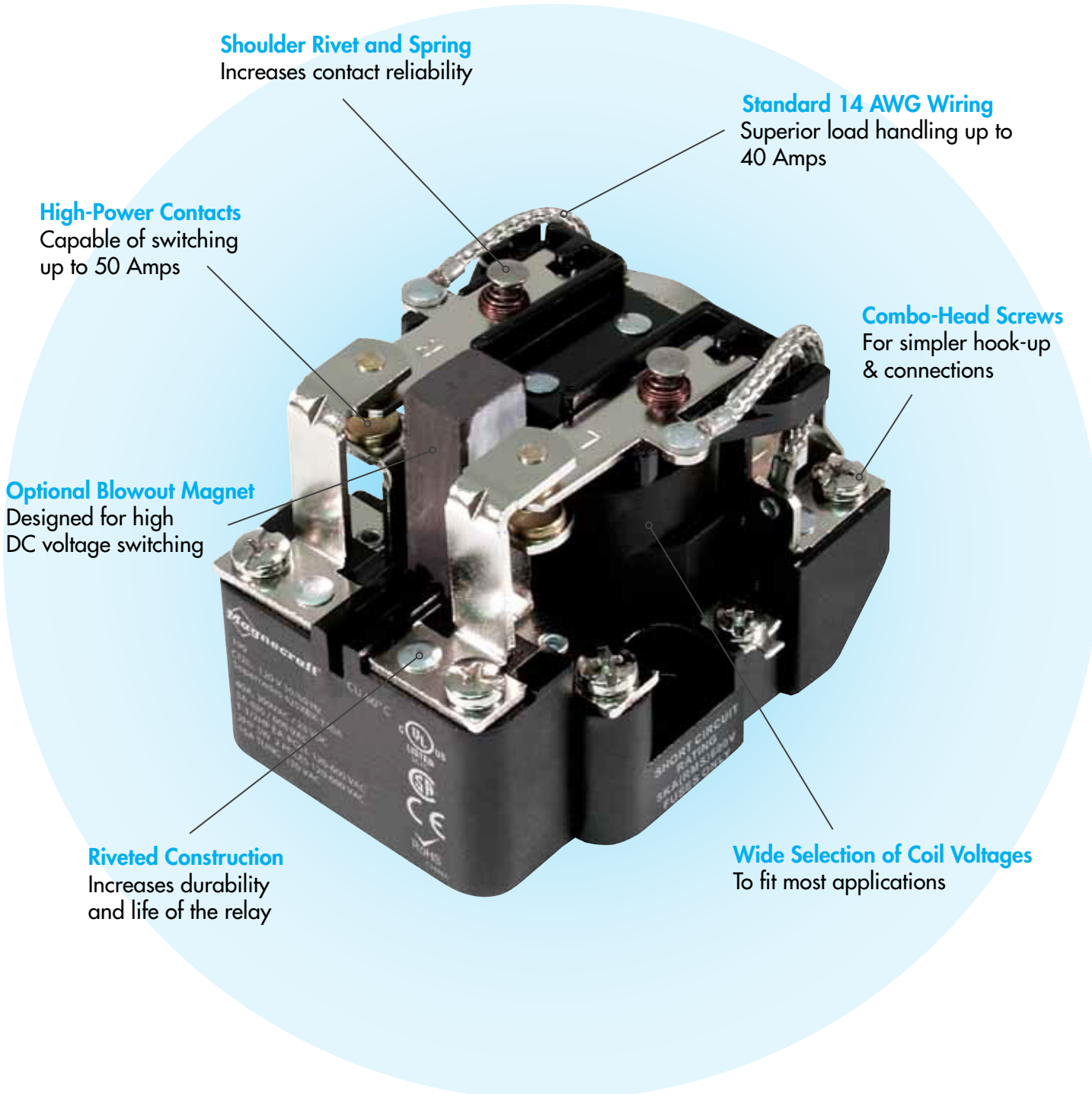


199

Power Relays



Shoulder Rivet and Spring
Increases contact reliability

Standard 14 AWG Wiring
Superior load handling up to 40 Amps

High-Power Contacts
Capable of switching up to 50 Amps

Combo-Head Screws
For simpler hook-up & connections

Optional Blowout Magnet
Designed for high DC voltage switching

Wide Selection of Coil Voltages
To fit most applications

Riveted Construction
Increases durability and life of the relay

199 Series Power Relays combine high-power switching, durable construction and multiple design options to suit your application needs

199 Power Relays



FEATURE	ADVANTAGE	BENEFIT
High current ratings (40-50 A)	Switches high currents while maintaining small form factor	Meets demands for high power applications such as motor controls, pumps, compressors, blowers, heaters, lighting controls and fans
Optional blowout magnet	Switches elevated DC voltage loads	
Optional auxiliary switch	Provides signal representing relay status	Additional safety feature in automated systems
AgSnO contacts	Electrical endurance up to 100,000 cycles	Increases reliability in the application and longevity in the field
Riveted construction	Durability and high resistance to vibration	
Molded Phenolic base material	Withstands high temperatures	
RoHS and REACH compliance	Meets European regulations	Satisfies import requirements

Options & Accessories



Pressure Wire Connectors

- Suited for heavy gauge wiring
- Recommended for 50 A switching applications



Blowout Magnet

- Increases DC voltage switching to 500 V
- Designed for elevated DC voltage applications
- Suitable for controlling DC motors and battery systems



Auxiliary Switches

- Increases design flexibility with additional control options
- Also available with 1/4-inch Q.C. for quick hookup



1/4-inch Quick-Connects

- Simplifies & expedites installation
 - Additional termination option
- Note: quick-connects are not suitable for field wiring*



11 AWG Wiring

- Increased load handling
- Up to 50 A current capability



Metal Enclosure

- Universal mount enclosure
- Covers relay and increases safety in work environment

Applications



Automation Panels

- Process Controls
- Motor Control
- Emergency Lighting



HVAC & Refrigeration

- Anti-Condensation Equipment
- Compressor Control
- Blower Control
- Motorized Duct/Vent Control



Appliances

- Air Conditioners
- Water Heaters
- Portable Heaters
- Spa Controls
- Water Pumps



Material Handling

- Motor Control
- Conveyor Control



Lighting Control

- Traffic Signal Systems
- Motorway Information Systems
- Theatrical Lighting
- Ballast Lighting



Power Supplies

- Universal Power Supplies
- Battery Backup Systems



Food & Beverage

- Anti-Condensation Equipment
- Compressors
- Industrial Cooking Equipment
- Filtration Systems