

FORWARD & REVERSE RELAY MODULE

12V DC High Power Motor Reversing Relays



Description

Ideal for tarp or lift applications. Also used on hoists, hatches, winches, snowplows, intake/exhaust fans, vehicle outriggers and other reversing applications. Module automatically reverses the direction of the motor when the appropriate control circuit is energized with a pulse from a control switch. Dynamic braking stops the motor when the switch returns to Off. Low-profile module saves space. Studs are securely anchored in epoxy.

Features and Benefits

- Dynamic braking.
- Carries a heavy load current.
- Intermittent or continuous operation.
- High performance silver tin oxide contacts assure long cycle life.
- Fully sealed to IP67 with high strength epoxy for total moisture protection to withstand very harsh environments.
- Ignition protected.
- Tin-plated brass studs and hardware for corrosion resistance.
- For intermittent operation, control switch should be Mom On-Off-Mom On; for continuous operation On-Off-On.

Specifications Overview

Intermittent Current:	70A at 12V DC intermittent Max On time 5 mins Off time 3 mins
Continuous Current:	50A at 12V DC
Load Current Inrush:	150A.
Pull-In Voltage:	7.8V max
Coil Resistance:	82Ω ±10%
Vibration Resistance:	10-55Hz. Double amplitude 1.5mm
Environmental:	-40C to 85C. Rust and moisture-resistant plastic housing
Dielectric Strength:	500V RMS between coil and contact
Dimensions:	2.91" × 3.51" × 1.86" H (73.9 × 91.7 × 47.2mm)

Web Resources

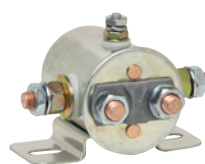
Download technical resources at:
littelfuse.com/24452

Ordering Information

PART NUMBER	DESCRIPTION
24452	2V DC high power motor reversing relays
97297	Protective Cover

Accessories

PART NUMBER	DESCRIPTION
24401	SPDT Double-action Solenoid
55046	DPDT Reverse Polarity Toggle
75712-04	Rotary Reversing Switch



24401



55046



75712-04



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Datasheet Replaces Hotfeed Number D-612

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