SHANGHAI NEWTREND ELECTRIC CO., LTD.
No. 618 North Huting Road | 201615 | Shanghai | China
Tel / WhatsApp: +86-18019187010 | sales@sntelec.com | www.sntelec.com

W50-T-P-DE / W50-T-P-A

DOUBLE-COIL MOTOR-REVERSING DC CONTACTORS

Model	Rated current	Duty
W50-T-P-DE	250 A	Intermittent
W50-T-P-A	50 A	Continuous



NewTrend double-coil monoblock contactors for DC motor reversing. Applications include electric winches, tarp drives, recovery and towing vehicles, off-road and utility vehicles, construction equipment and agricultural service vehicles.

12 V and 24 V DC coil versions. Select coil voltage separately from the 6-80 V DC contact circuit.

Photo: W50-T-P-DE / 12 V.

TECHNICAL DATA

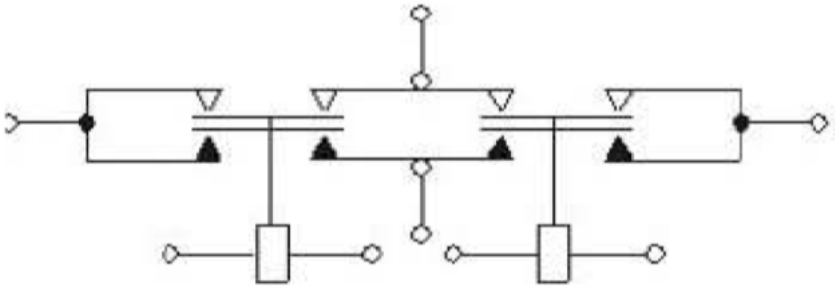
Parameter	Specification
Coil voltage options	12 V / 24 V DC
Coil power (W50-T-P-DE)	25-27 W
Rated contact-circuit voltage	6-80 V DC
Dielectric strength	1,000 V AC, 50 Hz, 1 min
Contact voltage drop	Not above 80 mV at rated current
Operating time	Pickup (contacts make): ≤30 ms; release (contacts break): ≤30 ms
Operating characteristic	Pickup: ≥66% Us; release: 5%-30% Us
Mechanical life	100,000 operations
Electrical life	20,000 continuous-duty operations; 2,000 intermittent-duty operations

CONFIGURATION AND DIMENSIONS

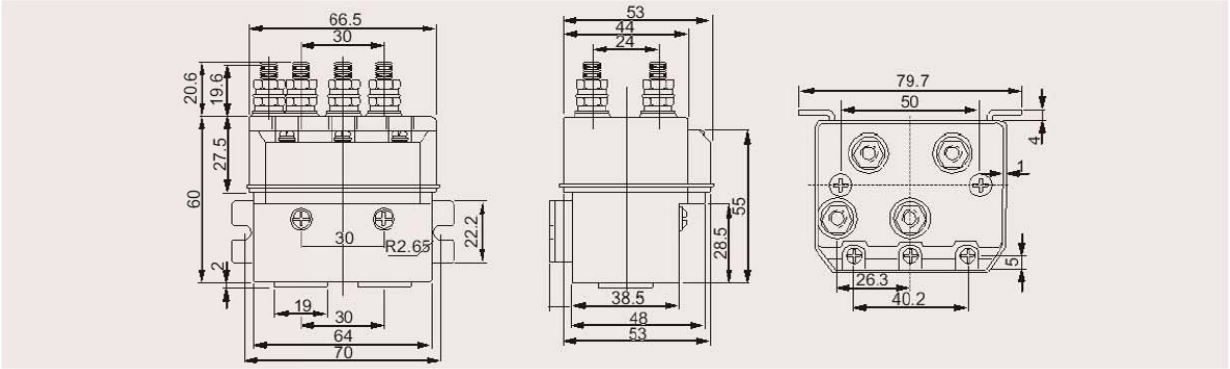
W50-T-P-DE configuration, circuit diagram and mounting dimensions

Code	Meaning
50	Rated-current designation
T	Rated-voltage designation
P	Double coil
DE	Closed waterproof structure
M	Horizontally mounted

CIRCUIT DIAGRAM



MOUNTING DIMENSIONS



Dimensions are in millimetres. The drawing applies to W50-T-P-DE; refer to the individual mounting and terminal dimensions shown.

Albright DC66P alternative for motor-reversing applications. Select the appropriate current duty, coil voltage and mounting arrangement. NewTrend ratings above apply.