



OPTIMIZE PRODUCTIVITY—MAXIMIZE CONTROL

Olympic Controls Corporation offers reliable, electrical solutions to optimize your productivity and maximize control of your energy systems. 50+ years of proven manufacturing in the U.S.A. sourcing local products for any size order with incredible prices. Experience the shortest lead time in procuring the electrical components required for your commercial, industrial and military applications.

POWERFUL BENEFITS TO OUR PARTNERS:

- Winning combination of an experienced team and hands-on management.
- On-time delivery with shortest lead time.
- Cost competitive, proven U.S. manufacturing capabilities with CAD/CAM services.
- Product expertise with technical schematics and on-line catalog of electrical solutions.
- 100% commitment to continuous improvement and safety of our manufacturing process.

SWITCHES

- **RELAYS: DUST-TIGHT SEALED, ENVIRONMENTALLY-SEALED + HERMETICALLY-SEALED**
- **TOGGLES: DUST-TIGHT SEALED + ENVIRONMENTALLY-SEALED**
- **PUSHBUTTONS: DUST-TIGHT SEALED**

GENERAL SPECIFICATIONS:

- APPLICATIONS: Naval vessels, jet aircraft, space launches, monitoring circuits and more.

RELAY SPECIFICATIONS:

- ADVANTAGES: Latching relays and magnetically bistable add the advantages of eliminating power waste during a power loss.
- AMPERAGE: 5 Amp Series (800 Series) and 1 Amp (900 Series) contact ratings.
- CIRCUITS: Relays switch from 12 to 52 circuits.
- COIL CONFIGURATIONS: Two coil configurations available. Polarity inversion control (6 Watts) is standard where the relay is driven into the set or reset (latch/unlatch) position by inverting the polarity of the control voltage. Bifilar operation (10 Watts) can be supplied to latch or unlatch using the same polarity DC control voltage.
- MECHANICAL LIFE: Million operations with a typical contact resistance of 20 milliohms.
- POLE CONFIGURATIONS: 12, 24, 36, 48 and 52 pole configurations with Form C (Double Throw, Transfer) switching, 60 poles with Form A switching.
- POWER REQUIREMENTS: 3 to 6.5 Watts (dependent on contact arrangement).
- POWER SOURCE: Relay coils operated from 12, 24, 48 or 110 Volts DC and 115 Volts AC.

SWITCHES SPECIFICATIONS:

- MILLION LIFE OPERATIONS.
- ADVANTAGES: Solves the problem of multi-circuit switching, such as gang switching, circuit selection and matrix switching.
- POLE CONFIGURATIONS: 12 to 144 pole configurations in Form C switching with maintained action.
- PUSHBUTTON SWITCHES: Available in 5 Amp Series only (800 Series).
- RELIABILITY PROMISE: 12-pole switching wafers (both 800/900 Series decks) as used on T-Bar Relays assuring the same high-level of reliability promise experienced throughout the T-Bar product line. Protection against all types of environment.



**SWITCH MORE
CIRCUITS
IN LESS SPACE
WITH THE
T-BAR 12-POLE
SWITCHING
WAFFER.**