

# Piloting Switch Module



Model: 428

DAC Worldwide's Piloting Switch Module (428) is a motor control-related device that compliments and expands the usefulness of related DAC Worldwide motor control training systems by incorporating alternate switch components and other devices into control circuitry as found in industrial systems. The device is self-contained allowing for individual study. While occasionally used independently, the training aid is most often integrated with other related motor control products.

The training aid includes a welded aluminum baseplate, steel support structure and enclosure, and industrial pilot devices. A variety of switches, relays, and timers are provided allowing for integration into complete motor control circuits.

All wiring is accomplished through banana-jack connections on the front panel face, rather than directly to individual components. Redundant safety systems are provided. Four instructor fault switches, creating common component faults, are provided.

## **FEATURES & SPECIFICATIONS**

- Welded aluminum base assembly, using 1-1/2" square, 1/8" wall tubing
- Specialty component mounting brackets and DIN rails facilitating mounting of standard and user-supplied

wiring devices

- 16-Gauge, formed-steel support structure, allowing for attachment to base assembly or associated mounting bench products
- 16-Gauge, formed-steel electrical enclosure
- Powder-coated surfaces throughout
- Powder-coated and silk-screened 1/8" aluminum front panel face
- Safety components, including: 1) Permanent, redundant internal grounding (not dependent on student wiring); 2) Use of premium, shielded banana jack patch cords
- Industrial-quality pilot devices including: inductive proximity switch, photoelectric switch, limit switch, float switch, DPDT relays, pressure switch, and time delay relay all with provision for banana-jack connections
- On-board pneumatic components, including connection manifold, pressure gauge, and pressurizing bulb
- DIN rail-type electrical components, where applicable
- Allows for attachment to optional motor control devices directly and using optional mounting bench products

## **PRODUCT DIMENSIONS**

- 19-in. L x 19-in. W x 25-in. H (480 x 480 x 670 mm)
- 45 lbs. (20.5 kg)

## **UTILITIES**

- 115V/60Hz/1Ph power

**INCLUDES** Includes Inductive Proximity Switch, Photoelectric Switch, Limit Switch, Float Switch, DPDT Relays, Pressure Switch, Time Delay Relay, Pneumatic Connection Manifold, Pressure Gauge, Pressurizing Bulb

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