CIRCUIT BREAKERS

The Klixon 7270/7271 series circuit breakers were designed to utilize less behind panel space while protecting wire and cable in aircraft and ground support equipment on either 120 VAC, 400 Hz or 30 VDC systems. The units are available with neck mounting (7270-1 and 7271-8) or standard cover plate (7270-7 and 7271-3). In each of these Klixon circuit breakers, the bi-metallic element assures uniform current distribution throughout its responsive area. This design reduces current density at the critical areas, resulting in an element having a much higher interrupting capability than conventional design. Inherently resistant to shock and vibration, the Klixon disc element is capable of precise calibration settings and the service life of the breaker. Both circuit breakers have conventional actuator action; i.e., the toggle actuator on the 7270 moves to the OFF position for trip indication and the button the 7271 pops out. A standard black button with a white collar is used.

FEATURES: The 7277 series is designed for applications that do not require the tighter performance characteristics and approvals of our military products. The circuit breakers have the following features:

- Trip-free
- Snap-acting Thermal Element
- Simplicity of Design
- Lightweight
- High Rupture Capacity - 3500 Amps, 120 VAC, 400 Hz 4000 Amps, 30 VDC

The last dash no. in the Part Number is the Amperage rating

#### KLIXON 7277 CIRCUIT BREAKERS

- **Part No.** | **Price** | **Part No.** | **Price** | **Part No.** | **Price**
- 7270-1-3 | $128.75 | 7271-3-10 | $129.99 | 7271-3-25 | $129.99
- 7270-1-5 | $134.50 | 7271-3-35 | $131.75 | 7271-3-30 | $131.75
- 7270-1-7.5 | $131.75 | 7271-3-40 | $131.75 | 7271-3-35 | $131.75
- 7270-1-10 | $129.85 | 7271-3-45 | $131.75 | 7271-3-20 | $131.75
- 7270-1-15 | $129.99 | 7271-3-5 | $131.75 | 7271-3-15 | $131.75
- 7270-1-20 | $129.85 | 7271-3-2 | $131.75 | 7271-3-10 | $131.75
- 7270-1-25 | $128.75 | 7271-3-1 | $131.75 | 7271-3-5 | $131.75
- 7270-1-30 | $128.75 | 7271-2 | $129.99 | 7271-3-1 | $131.75
- 7270-1-35 | $128.75 | 7271-2-20 | $121.95 | 7271-3-30 | $129.99
- 7270-1-40 | $128.75 | 7271-2-35 | $121.95 | 7271-3-35 | $129.99
- 7270-1-45 | $128.75 | 7271-2-5 | $121.95 | 7271-3-30 | $129.99

#### KLIXON 72787 CIRCUIT BREAKERS

The 7278 series circuit breakers are physically and electrically identical to the 7272-2 style circuit breaker, with the exception that the 7278 series has wider calibration limits. Originally developed as an alternative to slow blow fuses, the trip free 7278 is used extensively as a primary electrical circuit protection on general aviation aircraft. The wider calibration limits of the 7278 has also resulted in applications including protection for data processing and telecommunications equipment, computers, flight simulators, construction, material handling and other industrial electronic equipment.

FEATURES: The 7278 series is designed for applications that do not require the tighter performance characteristics and approvals of our military circuit breakers. • Small size • Light Weight • Inexpensive Auxiliary switch 7278-1 Only Longer Push Buttons 7278-5 Only

#### ELECTRICAL PLUG CONNECTORS

Make your panel a “plug and play” panel with these heavy-duty electrical connectors. The connectors are designed for either panel mount or free hanging. Connectors are available in 4, 6, 9, 12, 18, 24, and 36 pin configurations. Choose the pins and sockets based on wire size. The pins and sockets are top quality and are gold/nickel plated. The plugs are sold in pairs and include both the plug and the connector.

#### STATIC DISCHARGERS

**ESD-1 STATIC WICK** - Length: (including mounting base) 7.65 inches. (discharge element) 4.75 inches. Weight: Less than 4.5 grams. Airspeed: To 150 knots. Altitude: To 20,000 feet msl. Temperature: +85°C to -55°C, MIL-STD-202C, Method 102A, Condition D. Solvents: No physical changes after one hour immersion in aviation gasoline, jet fuel or hydraulic fluids. Equivalent to Cessna P/N CS92001-0201. Note: This is Non-Certified Version. Fully Qualified to MIL-D-9129D $15.90

**EDS-3 STATIC WICK** - Non-Certified. 7.65 inches. Weight: Less than 4.5 grams. Airspeed to 50,000 feet msl. +85°C to -55°C, MIL-STD-202C, Method 102A, Condition D. Solvents: No physical changes after one hour immersion in aviation gasoline, jet fuel or hydraulic fluids. P/N 11-10881 $22.75

**STATIC WICK** Comes with 2 holes to rivet to trainline edge and plain wire extension. Eligible for Installation: Beech Baron 58, Cessna 402, Eurocopter BK117, BK117 C-2 $53.75

**NULL FIELD TRAILING DISCHARGER** For general aviation & business class aircraft.

F/AA/PMA, MIL-9129D. Mounting: (2) #8-32 flat head screws. Length: 5 1/2, Wt: .6 oz. P/N 11-16325 $74.85

**MICROPOINT TRAILING DISCHARGER** For general aviation aircraft (speeds below 300 mph). Mounting: (2) #4-40 screws, 100% countersunk. P/N 11-16630 $59.75

**MICROPOINT TRAILING DISCHARGER (FLEXIBLE)** For general aviation & business class aircraft. FAA/PMA, MIL-9129D. Mounting: Length: 7 1/2”, Wt: 0.1 oz. P/N 11-16325 $74.85

**NULL FIELD TIP DISCHARGER** For general aviation & business class aircraft. FAA/PMA, MIL-9129D. Mounting: (2) #8-32 flat head screws. Length: 1 1/2”, Wt: 0.05 oz. P/N 11-16325 $74.85

**STATIC WICK WITH CARBON POINT** Trailing Discharger: Mounting: Fits Chelton Retainer or DG p/n 540095. For Commercial & Business Class Aircraft. FAA PMA, MIL-9129D. Noise Quieting: 40+ db. Length: 7-7/8” Weight: 0.15 oz. P/N 11-11504 $68.75

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**SEAL-ALL CRIMP TOOL** - Crimp tool works with all Seal-All Terminals and seals. Its compact, low-cost parallel jaw design eliminates terminal rocking. P/N 11-06992 $37.95

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Prices Subject to Change Without Notice

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**CONTACT**

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