



E-MAX MON-1

MON-1 SOLID STATE SUBSTATION MONITOR



- High Reliability
- Low Cost
- Simple Installation and Maintenance

The MON-1 is a low-cost, compact solid-state alarm indicator for ten input points with remote retransmitting relay contacts. The monitor is available in several alarm sequences with a choice of supply voltages.

All MON-1 low power annunciators are equipped with high brightness light-emitting diodes for visual indication. The LEDs are plug-in replaceable. Other design features include noise suppression for point alarm circuitry and all SCR's are supplied with bypass capacitors to prevent anode triggering. Reverse polarity protection is designed to prevent damage due to application of voltage of incorrect polarity. The unit Test and Reset buttons are mounted on the front for easy access.

ORDER INFORMATION

Part Number	Type	Operating Sequence	Input Power
101C204	MON -1	Sequence 11	24 Vdc
101C205	MON -1	Sequence 11	48 Vdc
101C206	MON -1	Sequence 11	125 Vdc
101C207	MON -1	Sequence 12	24 Vdc
101C208	MON -1	Sequence 12	48 Vdc
101C209	MON -1	Sequence 12	125 Vdc

SPECIFICATIONS

Number of Points	10
Input Connections	Barrier Strip #12 wire maximum. Two terminations per point. All points commoned to one side of power supply (positive common standard)
Input Contact Rating	25mA maximum
Input Contact Type	N.O. or N.C. Slide Switch Selected

Operating Sequence - Sequence 11
Point Latching - Resettable Retransmit

	Initiating Contact	Lamp	Retransmit Relay
Normal	Open	Off	Open
Alarm	Closed	On	Closed
Clear	Open	On	Closed
Reset	Open	Off	Open

Operating Sequence - Sequence 12
Point Latching - Resettable Retransmit

	Initiating Contact	Lamp	Retransmit Relay
Normal	Open	Off	Open
Alarm	Closed	On	Closed
Clear	Open	On	Open
Reset	Open	Off	Open

Outputs

Visual Indication High Brightness, 50 MCD, Red LED's (plug-in replaceable)

Retransmitting Relays 2
Major / Minor Alarms Strap Selected
Contact Ratings 28 V 5A 125 V 0.5 Resistive

Cut -Out Switches One per Point
Noise Rejection SWC Test ANSI C37.90a-1974

Isolation All Field Contacts common. 1500 V rms 60 Hz to ground.

Dimensions 5.5 H x 9.5 W x 9.25 D

Temperature: Operating -20° to 50° C
Storage -55° to 70° C

DIMENSIONS

ALL DIMENSIONS IN INCHES

