

CONTROL PANEL FOR GENERATOR – AUTOMATIC START

BENEFITS

- ⊕ **Maximum security**
- ⊕ **Outstanding control**
- ⊕ **High reliability**
- ⊕ **Economical**
- ⊕ **Wide choice of options:**

- ▶ System default relay
- ▶ Weekly exerciser
- ▶ Low battery voltage
- ▶ 4 other faults
- ▶ Preheat or air trap trip relay
- ▶ Audible alarm
- ▶ Remote annunciator

(Please consult us for more options)



GENERAL FEATURES

- Available from 120 to 600 Vac, 50/60 Hz
- CSA approved
- CEMA 1 steel enclosure
- Black color with crackle finish
- Vibration dampers (4)
- Terminal block
- Electrical & physical drawings
- Bill of materials
- Dim.: 17"(42.5cm)W x 10"(25.4cm)H x 10"(25.4cm)D

AC INSTRUMENTATION

- Voltmeter, ammeter, frequency meter (2½", 2%)
- Phase selector (combination ammeter / voltmeter)
- Potential Transformers (if necessary)
- Current transformers (mounted in generator)
- Fuse protection

ENGINE INSTRUMENTATION

- Oil pressure gauge (sender if necessary)
- Coolant temperature gauge (sender if necessary)
- DC Voltmeter or DC ammeter
- Hour meter
- Starter protection relay

NOTE: The DC instrumentation is from VDO or Murphy

AUTOMATIC ENGINE CONTROL

- Enertec CM06A engine controller
- Mode selectors & indicators
- Lamp test push button
- 3 output relays with LED indicators for : fuel, starter and engine running state
- Silence push button
- Reset push button
- 5 basic fault circuits:
 - Overcrank
 - Low oil pressure
 - High temperature
 - Overspeed
 - Loss of speed signal
- Time delays:
 - Fault by-pass (10-12-14-16 sec.)
 - Cranking/ rest (10-12-14-16 sec.)
 - Cool down delay (0-5-10-15 min.)
 - Starting delay (0-3-5-7 sec.) or preheat delay
 - Loss of speed signal (0-3-5-7 sec.)