



PROGRAMMABLE GENERATOR CONTROLLER



BE22

State of the Art Digital Generator Controller

TECHNICAL DATA

Display	Parameter
Ch.0	Mains Failure Delay
Ch.1	Mains Restore Delay
Ch.2	Mains Under-voltage(V)
Ch.3	Mains Over-voltage(V)
Ch.4	Warm Up Timing
Ch.5	Cooling Down Timing
Ch.6	Generator Under-Voltage (V)
Ch.7	Generator Over-Voltage (V)
Ch.8	Generator Under-Hz (Hz)
Ch.9	Generator Over-Hz (Hz)
Ch.10	Current Transformer Size (A)
Ch.11	Overload Setting (A)
Ch.12	G Failure Alarm (Code)
Ch.13	Glow/Choke Control (Code)
Ch.14	Engine Crank Timing
Ch.15	Engine Running Trigger (V)
Ch.16	Engine Rest Timing
Ch.17	Number of Starting Attempts
Ch.18	Low Oil Pressure By-Pass Delay
Ch.19	Stop Solenoid Timing
Ch.20	Alarm Output Mode or Timing
Ch.21	JC7 Output Control Mode (Code)
Ch.22	Input 1 Control (Mode)
Ch.23	Belt Break Control (Code)
Ch.24	Temperature Switch (n.c/n.o)
Ch.25	ALARM 2 Switch (n.c/n.o)
Ch.26	Automatic Periodic Test (Days)
Ch.27	Automatic Engine Test (Minutes)
Ch.28	Single Phase / 3-Phase

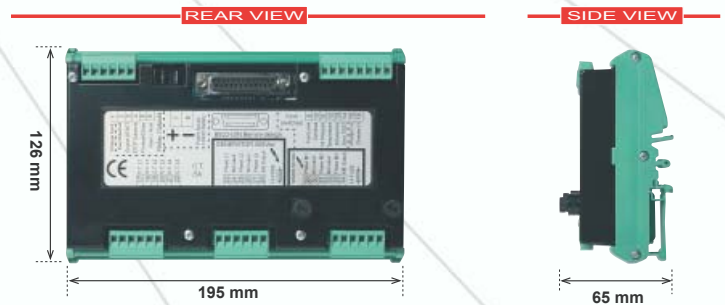
BE22 provides inexpensive 3-phase A.M.F and Generating Set control and monitoring with digital accuracy.

This microprocessor-based controller includes 6 push-buttons, 23 LED lamps, 4-digits display, 7 relay outputs, 6 digital inputs, 11 analogue inputs, 28 programmable parameters, Hour-meter, Digital Calibration, 8 display modes, 14 display-messages and 4 operating modes.



TECHNICAL DATA

Terminal	Description
# 01	Charger Excitement output (3W)
# 02	Fuel Solenoid Relay Output
# 03	Start Relay Output
# 04	Stop Solenoid Relay Output
# 05	Preheat/Choke Relay Output
# 06	Alarm/Horn Relay Output
# 07	+V Battery (Supply 8-33Vdc)
# 08	- V Battery (Supply 8-33Vdc)
# 09	Low Level Fuel Switch Input
# 10	Overload Relay input
# 11	Oil Pressure Contact Input
# 12	High Temperature Switch Input (note*)
# 13	Emergency Switch Input (note*)
# 14	Mains Simulation/Test Switch Input
# 15	Charger Control Input (+)
# 16	Charger Control Input (-)
# 17	Current Transformer Input CT1/5Aac
# 18	Current Transformer Input CT1/5Aac
# 19	Current Transformer Input CT2/5Aac
# 20	Current Transformer Input CT2/5Aac
# 21	Current Transformer Input CT3/5Aac
# 22	Current Transformer Input CT3/5Aac
# 23	Generator Voltage Input L1 500Vac
# 24	Not Used
# 25	Generator Voltage Input L2 500Vac
# 26	Not Used
# 27	Generator Voltage Input L3 500Vac
# 28	Generator Contactor Output (HI)
# 29	Mains Voltage Input M1 500Vac
# 30	Not Used
# 31	Mains Voltage Input M2 500Vac
# 32	Not Used
# 33	Mains Voltage Input M3 500Vac
# 34	Generator Contactor Output (HI)
(note*)	The polarity of the switch is programmable



Specifications

- ◆ **DC supply:**
Battery plant 12-24Vdc / 250mA MAX
- ◆ **Mains / Generator Input Voltage Range:**
24Vac up to 500Vac
- ◆ **Operating Temperature Range / Humidity:**
-30°C to +70°C / 0-95% non condensing
- ◆ **DIN Size / Cut-out:**
DIN 192x96 (double size 96x96) / 190 mm x 93 mm
- ◆ **DC Relay Outputs:**
4 Amps dc at supply voltage (total current of the Outputs)
- ◆ **AC Relay Outputs:**
8 Amps / 250Vac
- ◆ **Shipping Weight / Box Dimensions:**
1500Gr. / 255 mm x 230 mm x 80 mm