

BE24

PROGRAMMABLE GENERATOR CONTROLLER
State of the Art Digital Generator Controller

The Be24 includes all functions needed to control and protect a generating set. The Be24 is a compact 96x96 DIN module featuring 6 membrane-type push buttons, 2 LEDs, a 4 digit display, 5 static outputs, 9 inputs, and a 3-position (30A rated) Key-switch for manual start.

BE 24
Genset & Engine
protection module.

Key features:

- DIN 96x96, temperature range -30°/+70° C
- 6 display menu: A-V-RPM-Hz-Vdc-h
- 6Vdc up to 36Vdc supply, 30A key-switch
- 4 digit display, 2 LEDs, 6 push-buttons
- Manual and Automatic operating modes
- Interfaces Pick-up or W
- 600 Vac / 1000 Aac display range
- Automatic Periodic TEST up to 99 days
- 30 programmable parameters & settings
- In-field calibration facilities for R.P.M./V/A/Hz
- 16 alarm messages, 10 operating messages
- 3 years full warranty, cost effective

Available all around the world in 48 hours

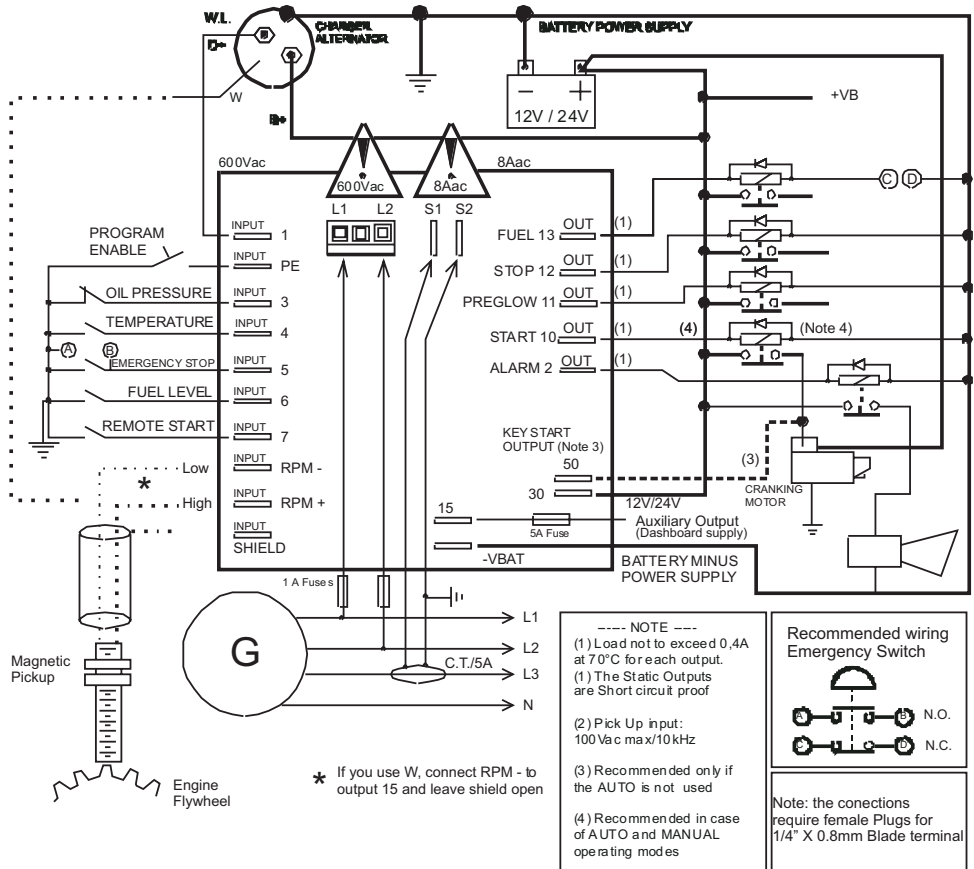


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WIRING DIAGRAM



PARAMETERS

[P.0] Remote Start Delay	[P.16] Stop Solenoid Timing
[P.1] Remote Stop Delay	[P.17] Alarm Output Timing
[P.2] Crank Timing	[P.18] Temperature Switch
[P.3] Engine Running Trigger	[P.19] ALARM Control (INPUT #5)
[P.4] Rest Timing	[P.20] Remote Start (INPUT #7)
[P.5] Starting Attempts	[P.21] Under Speed setting
[P.6] Generator UnderVoltage	[P.22] Over Speed setting
[P.7] Generator Over-Voltage	[P.23] Teeth of the Flywheel
[P.8] Under-Frequency	[P.24] Crank OFF
[P.9] Over-Frequency	[P.25] Low Oil Pressure By-Pass
[P.10] Current Transformer Size	[P.26] Automatic Periodic Test Cycle
[P.11] Generator Overload Setting	[P.27] Automatic Engine Test
[P.12] Generator Failure Alarm	[P.28] Generator warm-up time
[P.13] Glow Plugs/Choke Control	[P.29] Generator cool-down time
[P.14] Output Control	[P.30] Number of poles of the Generator
[P.15] Belt Break Control	

INPUTS/OUTPUTS

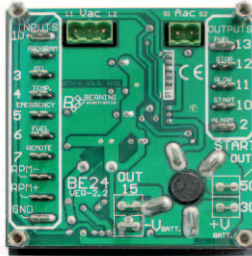
Terminal	Function	Description
#1	In./Out	Charger /D+ input
#2	Output	Alarm
#3	Input	Oil Pressure switch
#4	Input	High Temperature
#5	Input	Emergency Alarm
#6	Input	Fuel Level
#7	Input	Remote Start
#9	Input	BE24 supply
#10	Output	START (Automatic)
#11	Output	PRE-GLOW
#12	Output	STOP SOLENOID
#13	Output	FUEL SOLENOID
RPM+	Input	Pick-Up or 'W'
RPM-	Input	Ground reference
GND	Output	Pick Up shield
L1	Input	Vac (max 600Vac)
L2	Input	Vac (max 600Vac)
S1	Input	C. T. /5Aac
S2	Input	C. T. /5Aac
#30	Input	Vdc Battery Supply
#50	Output	CRANK (30Adc)
#P.E.	Input	Program Enable
#15	Output	Dash board supply

SIDE VIEW



74 mm 45 mm
119 mm

REAR VIEW



94 mm

Panel Cut-out - 91mm x 91 mm (+/-0.5)

Your local distributor:

