Auto Start Generator Control Panel

Panelsource

ENGINE & GENERATOR CONTROLS

P-2020-1/2-S/D

STANDARD FEATURES

■ ABS UV Protected corrosion proof cabinet. Dimensions: 17.75" (w) x 10.50" (h) x 10" (d)

■ **Basler DGC-2020 controller** with (available in two versions; **STANDARD** P-2020-S with 7 outputs and no RS-485 COM or the **DELUXE** P-2020-D with 15 outputs and RS-485 COM.) 16 programmable inputs. Multifunction engine and generator protection and metering including ECU specific parameters when used with SAE J1939 Engines. Front panel configurable. Full programmability and advanced configuration via included Basler BESTCOM Plus software and included USB Standard (A) to (B) cable. External USB port provided on panel for easy field configuration. Generator instrumentation and protection for all of the following; Volts, Hz, Amps, kW, kVA, kVAR, and PF. Engine Instrumentation and protection for all of the following; RPM, Oil Pressure, Coolant Temperature, Battery Voltage, Speed, Fuel Level, Engine Load, Coolant Level (from ECU) Speed detection via Generator Hz, MPU or ECU. *Magnetic Pickups available, but not included with panel.* Oil Pressure and Coolant Temperature senders included. Panel and harnesses come wired with three 15 amp outputs (start, run & aux.), three 2 amp outputs, 7 inputs, and all necessary sensing inputs. External 85 amp solenoid included for engine starter. Included: 15 ft. 24 Pin cannon plug DC engine harness. Deluxe: 4 ft. 16 Pin cannon plug AC and I/O expansion harness. Standard: AC and I/O exit bottom of panel.

■ Panel kit Includes: <u>PROGRAMMED PANEL</u>, vibration isolators, wiring schematics, programming cable, oil pressure (1/8" NPT) & coolant (3/8" NPT) senders, engine harness & start solenoid. *Metric senders are available.*

■ *Programming software available from www.basler.com*

OPTIONS

DS16 Auxiliary Form C relay 12 Vdc

DS17 Auxiliary Form C relay 24 Vdc

DS32 Panel On/Off Toggle switch

DS33 Speed Adjustment Potentiometer

DS40 Audible Alarm

DS45B AC Harness

DS5 Voltage Adjustment Potentiometer

DS67 Emergency-Stop Operator

DS20 3 Pole Form C relay 12 Vdc

DS21 3 Pole Form C relay 24 Vdc

ORDERING

Part Number: P-2020– **X** - **Y**

X - 1 = 12 Vdc or 2 = 12 Vdc

Y - S = Standard or D = Deluxe

OPTIONAL MODULES

CEM-2020 Contact Expansion Module

LSM-2020 Load Share Module

AEM-2020 Analog Expansion Module

RDP-110 Remote Annunciator

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