Auto Start Generator Control Panel

Panelsource
ENGINE & GENERATOR CONTROLS

P20-S/D SERIES

STANDARD FEATURES

Dimensions: 17.75ö (w) x 10.50ö (h) x 10ö (d)

ABS UV protected corrosion proof cabinet and corrosion resistant hardware.

Built around the Basler DGC-2020 controller. (Available in two panels versions. P20-S with 7 outputs and no RS-485 COM. P20-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 and MODBUS 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: V, Hz, A, kW, kVA, kVAR, and PF.

Engine Instrumentation: 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 and Coolant Temperature senders included. (Warning and safety shutdown points are configurable)

Wired Start, Run and Aux cube relays. External 85A solenoid included for engine starter.

Included: 15ft. 24 Pin cannon plug DC engine harness. OPTIONAL: 4ft. 16 Pin cannon plug AC and I/O expansion harness. (Standard Configurationô AC and I/O exit bottom of panel)

Panel Includes: Current transformers, Vibration isolators, Wiring schematics.

PART NUMBER KEY

P20 ___ ___ ___ ___ ___ ___ S/D
     1   2   3   4

1. Voltage
  A = 480 B = 380 C = 240
  D = 220 E = 208 F = 120
  H = 600

3. PH/FRQ
  A = 1/60
  B = 1/50
  C = 3/60
  D = 3/50

2. Amps (Example)
  (Format= amps/10)
  005 = 50 amp
  010 = 100 amp
  015 = 150 amp
  150 = 1500 amp

4. DC Volt
  1 = 12
  2 = 24

OPTIONAL MODULES

CEM-2020 (Contact Expansion Module)

LSM-2020 (Load Share Module)

AEM-2020 (Analog Expansion Module)

Remote Display Module