

Auto Start Generator Control Panel



ENGINE & GENERATOR CONTROLS

P9/P10X310 SERIES

Dimensions: 15.506 (w) x 11.256 (h) x 10.756 (d)

ABS UV protected corrosion proof cabinet and corrosion resistant hardware.

Deep Sea DSE7310MKII controller. The DSE7310MKII supports mechanical, gas, and CAN engines, including Tier4. Supports 0V to 10V and 4mA to 20mA senders. 6 configurable DC+ outputs and 2 configurable volt-free relay outputs. 8 configurable digital inputs and 6 configurable analog/digital inputs. Extensive engine and true RMS generator instrumentation with fully configurable protections.

Front panel configurable. Full programmability via free Deep Sea PC Configuration Suite Software downloadable from Deep Sea. External panel mounted USB port for convenient programming and servicing in the field.

Displays full SAE J1939 text with both Suspect Parameter Numbers (SPN) and Failure Mode Indicators (FMI). Enhanced Instrumentation and Engine ECU diagnostics when supported by engine ECM.

Built in USB, RS-485, and RS-232 ports offer local and remote communication for programming, monitoring and control either directly or via expansions modules supporting: Ethernet, MODBUS TCP, MODBUS RTU for Building Management Systems, PLC or PC, SMS via GSM or standard modem. Inquire with sales about the full range of communication options, including DSE Webnet platform.

Internal panel mounted and wired Start, Run, and Auxiliary cube relays. 85A Start solenoid ships loose.

Included: 15Ft. 24 Pin cannon plug DC engine harness. 4Ft. 16 pin cannon plug AC and I/O expansion harness. Adapter harness available for select OEM CAN harness to panel connection. Inquire with sales

Additional items included: Current transformers, Vibration isolators, 6Ft. USB Cable, Product documentation/schematics. Panel ships programmed according to order specification. Additional I/O set for common genset requirements.



Panel is wired for both Conventional Diesel, Gas and CAN engines. Panel part numbering: P9X310 for Conventional Gas or Diesel. P10X310 for CAN engines.

P9/10 X310
 1 2 3 4

- | | |
|-------------------------|------------|
| 1. Voltage | 3. PH/FRQ |
| A = 480 B = 380 C = 240 | A = 1/60 |
| D = 220 E = 208 F = 120 | B = 1/50 |
| I = 600 (With PT) | C = 3/60 |
| | D = 3/50 |
| 2. Amps (Example) | 4. DC Volt |
| (Format= amps/10) | 1 = 12 |
| 005 = 50 amp | 2 = 24 |
| 010 = 100 amp | |
| 015 = 150 amp | |
| 150 = 1500 amp | |

Panel Options

DS746 Installed and wired 1ea. DS-2157 (8 relay programmable expansion module). DS75 - 2ea. DS-2157 (16 total relays). P6-8-DS and P6-16-DS6 Annunciator panel, wall or flush mount, built with DSE-2548 LED Expansion module(s). See Panelsource brochures for P6 panel line.

STANDARD FEATURES

PART NUMBER KEY

National Marketing and Distribution by Davidson Sales Co.

839 Bill France Blvd., Daytona Beach, FL 32117

Phone: (386)274-2079 Fax: (386)274-2279 www.davidsonsales.com

Revised 9/16