

| CONFIGURATION PARAMETERS – MODULE (PAGE 1) | | | | | |
|--|------------------------|-----------------|-----|--|--|
| 101 | Contrast | 000 (%) | 106 | RESERVED | |
| 102 | Fast Loading Enabled | On (1), Off (0) | 107 | RESERVED | |
| 103 | RESERVED | | 108 | Event Log Display Format | On (1), Off (0) |
| 104 | Lamp Test at Startup | On (1), Off (0) | 109 | Start in auto | On (1), Off (0) |
| 105 | Power Save Mode Enable | On (1), Off (0) | 110 | Diagnostic Trouble Code String (English Only) Enable | On (1), Off (0) CAN opt |

| CONFIGURATION PARAMETERS – APPLICATION (PAGE 2) (CAN VERSION MODULE ONLY) | | | | | |
|---|--------------------------|-----------------|-----|--------------------------|------------|
| 201 | Alternate Engine Speed | On (1), Off (0) | 203 | CAN ECU Data Fail Action | 0 (Action) |
| 202 | CAN ECU Data Fail Enable | On (1), Off (0) | 204 | CAN ECU Data Fail Delay | 0:00 |

| CONFIGURATION PARAMETERS – INPUTS (PAGE 3) | | | | | |
|--|--|--|--|---------------------|--|
| 301 | Low Oil Pressure Enable | | | On (1), Off (0) | |
| 302 | Low Oil Pressure Trip | | | 0.00 bar | |
| 303 | High Engine Temperature Trip | | | 00 Deg C | |
| 304 | Digital Input A Source | | | 0 (Input Source) | |
| 305 | Digital Input A Polarity | | | 0 (Polarity) | |
| 306 | Digital Input A Action (If Source = User Config) | | | 0 (Action) | |
| 307 | Digital Input A Arming (If Source = User Config) | | | 0 (Arming) | |
| 308 | Digital Input A Activation Delay (If Source = User Config) | | | 0:00 | |
| 309 | Digital Input B Source | | | 0 (Input Source) | |
| 310 | Digital Input B Polarity | | | 0 (Polarity) | |
| 311 | Digital Input B Action (If Source = User Config) | | | 0 (Action) | |
| 312 | Digital Input B Arming (If Source = User Config) | | | 0 (Arming) | |
| 313 | Digital Input B Activation Delay (If Source = User Config) | | | 0:00 | |
| 314 | Digital Input C Source | | | 0 (Input Source) | |
| 315 | Digital Input C Polarity | | | 0 (Polarity) | |
| 316 | Digital Input C Action (If Source = User Config) | | | 0 (Action) | |
| 317 | Digital Input C Arming (If Source = User Config) | | | 0 (Arming) | |
| 318 | Digital Input C Activation Delay (If Source = User Config) | | | 0:00 | |
| 319 | Digital Input D Source | | | 0 (Input Source) | |
| 320 | Digital Input D Polarity | | | 0 (Polarity) | |
| 321 | Digital Input D Action (If Source = User Config) | | | 0 (Action) | |
| 322 | Digital Input D Arming (If Source = User Config) | | | 0 (Arming) | |
| 323 | Digital Input D Activation Delay (If Source = User Config) | | | 0:00 | |
| 324 | Analogue Input A Sensor Type | | | 0 (Sensor Type) | |
| 325 | Analogue Input A Sensor Selection (Pressure Sensor List) | | | 0 (Pressure Sensor) | |
| 326 | Analogue Input A (Set as Digital) Source (Oil Pressure Sender) | | | 0 (Input Source) | |
| 327 | Analogue Input A (Set as Digital) Polarity | | | 0 (Polarity) | |
| 328 | Analogue Input A (Set as Digital) Action (If Source = User Config) | | | 0 (Action) | |
| 329 | Analogue Input A (Set as Digital) Arming (If Source = User Config) | | | 0 (Arming) | |
| 330 | Analogue Input A (Set as Digital) Activation Delay (If Source = User Config) | | | 0:00 | |
| 331 | Analogue Input B Sensor Type | | | 0 (Sensor Type) | |
| 332 | Analogue Input B Sensor Selection (Temperature Sensor List) | | | 0 (Temp Sensor) | |
| 333 | Analogue Input B (Set as Digital) Source (Temperature Sender) | | | 0 (Input Source) | |
| 334 | Analogue Input B (Set as Digital) Polarity (Set as Digital) | | | 0 (Polarity) | |
| 335 | Analogue Input B (Set as Digital) Action (If Source = User Config) | | | 0 (Action) | |
| 336 | Analogue Input B (Set as Digital) Arming (If Source = User Config) | | | 0 (Arming) | |
| 337 | Analogue Input B (Set as Digital) Activation Delay (If Source = User Config) | | | 0:00 | |
| 338 | Analogue Input C Sensor Type | | | 0 (Sensor Type) | |
| 339 | Analogue Input C Sensor Selection (Pressure / Temp / Percentage) | | | 0 (Sensor) | |
| 340 | Analogue Input C (Set as Digital) Source (Flexible Sender) | | | 0 (Input Source) | |
| 341 | Analogue Input C (Set as Digital) Polarity | | | 0 (Polarity) | |
| 342 | Analogue Input C (Set as Digital) Action (If Source = User Config) | | | 0 (Action) | |
| 343 | Analogue Input C (Set as Digital) Arming (If Source = User Config) | | | 0 (Arming) | |
| 344 | Analogue Input C (Set as Digital) Activation Delay (If Source = User Config) | | | 0:00 | |
| 345 | Oil Pressure Sender Open Circuit Alarm | | | On (1), Off (0) | |
| 346 | Temperature Sender Open Circuit Alarm | | | On (1), Off (0) | |

| CONFIGURATION PARAMETERS – OUTPUTS (PAGE 4) | | | | | |
|---|---------------------------|--|--|----------------------------|--|
| 401 | Digital Output A Source | | | 0 (Output Source) | |
| 402 | Digital Output A Polarity | | | 0 (Output Source Polarity) | |
| 403 | Digital Output B Source | | | 0 (Output Source) | |
| 404 | Digital Output B Polarity | | | 0 (Output Source Polarity) | |
| 405 | Digital Output C Source | | | 0 (Output Source) | |
| 406 | Digital Output C Polarity | | | 0 (Output Source Polarity) | |
| 407 | Digital Output D Source | | | 0 (Output Source) | |
| 408 | Digital Output D Polarity | | | 0 (Output Source Polarity) | |
| 409 | Digital Output E Source | | | 0 (Output Source) | |
| 410 | Digital Output E Polarity | | | 0 (Output Source Polarity) | |
| 411 | Digital Output F Source | | | 0 (Output Source) | |
| 412 | Digital Output F Polarity | | | 0 (Output Source Polarity) | |

| CONFIGURATION PARAMETERS – TIMERS (PAGE 5) | | | | | |
|--|-----------------------|-----|---------------------------|-----|-----------------------|
| 501 | Mains Transient Delay | 508 | Safety On Delay | 515 | Power Save Mode Delay |
| 502 | Start Delay | 509 | Warm Up Time | 516 | Transfer Time |
| 503 | Preheat Timer | 510 | Return Delay | 517 | Breaker Trip Pulse |
| 504 | Crank Time | 511 | Cooling Time | 518 | Breaker Close Pulse |
| 505 | Crank Rest Time | 512 | ETS Solenoid Hold | 519 | Cooling Idle Time |
| 506 | Smoke Limiting | 513 | Failed To Stop Delay | | |
| 507 | Smoke Limiting Off | 514 | Generator Transient Delay | | |

CAN opt = 60xx – 02 (CAN) option only CAN opt = 60xx – 01 (Magnetic pickup) option only

| CONFIGURATION PARAMETERS – GENERATOR (PAGE 6) | | | | | |
|---|------------------------|-----------------|-----|----------------------------------|-----------------------|
| 601 | Alternator Fitted | On (1), Off (0) | 612 | Nominal Frequency | 0.0 Hz |
| 602 | Alternator Poles | 0 | 613 | Over Frequency Enable | On (1), Off (0) |
| 603 | RESERVED | | 614 | Over Frequency Trip | 0.0 Hz |
| 604 | RESERVED | | 615 | AC System | AC System (See Table) |
| 605 | Under Voltage Enabled | On (1), Off (0) | 616 | CT Primary | 0 (Amps) |
| 606 | Under Voltage Level | 0 V | 617 | Full Load Rating | 0 (Amps) |
| 607 | Loading Voltage | 0 V | 618 | Immediate Overcurrent | On (1), Off (0) |
| 608 | Over Voltage Level | 0 V | 619 | Overcurrent Delayed Alarm Enable | On (1), Off (0) |
| 609 | Under Frequency Enable | On (1), Off (0) | 620 | Overcurrent Delayed Alarm Action | 0 (Action) |
| 610 | Under Frequency Level | 0.0 Hz | 621 | Overcurrent Delay | 0.00:00 |
| 611 | Loading Frequency | 0.0 Hz | 622 | Overcurrent Trip | 0 (%) |

| CONFIGURATION PARAMETERS – MAINS (PAGE 7) | | | | | |
|---|-------------------------|-----------------------|-----|------------------------|-----------------|
| 701 | AC System | AC System (See Table) | 709 | Over Voltage Level | 0 V |
| 702 | Mains Failure Detection | On (1), Off (0) | 710 | Under Frequency Enable | On (1), Off (0) |
| 703 | Immediate Mains Dropout | On (1), Off (0) | 711 | Under Frequency Level | 0.0 Hz |
| 704 | Under Voltage Enable | On (1), Off (0) | 712 | Under Frequency Return | 0.0 Hz |
| 705 | Under Voltage Level | 0 V | 713 | Over Frequency Enable | On (1), Off (0) |
| 706 | Under Voltage Return | 0 V | 714 | Over Frequency Return | 0 Hz |
| 707 | Over Voltage Enable | On (1), Off (0) | 715 | Over Frequency Level | 0.0 Hz |
| 708 | Over Voltage Return | 0 V | | | |

| CONFIGURATION PARAMETERS – ENGINE (PAGE 8) | | | | | |
|--|---|-----------------|-----|----------------------------------|-----------------|
| 801 | Magnetic Pickup Fitted | On (1), Off (0) | 818 | Low Battery Volts Trip | 00.0 V |
| 802 | Flywheel Teeth | 000 | 819 | Low Battery Volts Rtn | 00.0 V |
| 803 | Start Attempts | 0 | 820 | Low Battery Volts Delay | 0:00:00 |
| 804 | RESERVED | | 821 | High Battery Volts Enable | On (1), Off (0) |
| 805 | RESERVED | | 822 | High Battery Volts Rtn | 00.0 V |
| 806 | Gas Choke Timer | 0:00 | 823 | High Battery Volts Warning | 00.0 V |
| 807 | Gas On Delay | 0:00 | 824 | High Battery Volts Warning Delay | 00.0 V |
| 808 | Gas Ignition Off Delay | 0:00 | 825 | Charge Alt Shutdown Enable | On (1), Off (0) |
| 809 | Crank Disconnect On Oil Pressure Enable | On (1), Off (0) | 826 | Charge Alt Shutdown Trip | 00.0 V |
| 810 | Check Oil Pressure Prior To Starting | On (1), Off (0) | 827 | Charge Alt Shutdown Trip Delay | 0:00:00 |
| 811 | Crank Disconnect On Oil Threshold | 0.00 bar | 828 | Charge Alt Warning Trip Enable | On (1), Off (0) |
| 812 | Crank Disconnect On Frequency | 0.0 Hz | 829 | Charge Alt Warning Trip | 00.0 V |
| 813 | Crank Disconnect On Engine Speed | 000 RPM | 830 | Charge Alt Warning Trip Delay | 0:00:00 |
| 814 | Under Speed Enable | On (1), Off (0) | 831 | Low Battery Start Arming | On (1), Off (0) |
| 815 | Under Speed Trip | 0000 RPM | 832 | Low Battery Start Threshold | 00.0 V |
| 816 | Over Speed Trip | 0000 RPM | 833 | Low Battery Start Delay | 0:00:00 |
| 817 | Low Battery Volts Enable | On (1), Off (0) | 834 | Low Battery Start Run Time | 0:00:00 |

| CONFIGURATION PARAMETERS – ALTERNATIVE CONFIGURATION (PAGE 9) | | | | | |
|---|---|--|--|---------------------------|--|
| 901 | Default Configuration | | | Main (1), Alternative (0) | |
| 902 | Alt Config - Enable Configuration | | | On (1), Off (0) | |
| 903 | Alt Config - Alternative Engine Speed | | | On (1), Off (0) | CAN opt |
| 904 | Alt Config - Under Voltage Shutdown Enable | | | On (1), Off (0) | |
| 905 | Alt Config - Under Voltage Trip | | | On (1), Off (0) | |
| 906 | Alt Config - Loading Voltage | | | 0 V | |
| 907 | Alt Config - Over Voltage Trip Level | | | 0 V | |
| 908 | Alt Config - Under Frequency Enabled | | | On (1), Off (0) | |
| 909 | Alt Config - Under Frequency Trip Level | | | 0.0 Hz | |
| 910 | Alt Config - Loading Frequency | | | 0.0 Hz | |
| 911 | Alt Config - Nominal Frequency | | | 0.0 Hz | |
| 912 | Alt Config - Over Frequency Enabled | | | On (1), Off (0) | |
| 913 | Alt Config - Over Frequency Trip Level | | | 0.0 Hz | |
| 914 | Alt Config - CT Primary | | | 0 (Amps) | |
| 915 | Alt Config - Full Load Rating | | | 0 (Amps) | |
| 916 | Alt Config - Immediate Overcurrent | | | On (1) Off (0) | |
| 917 | Alt Config - Overcurrent Delayed Alarm | | | On (1) Off (0) | |
| 918 | Alt Config - Overcurrent Delayed Alarm Action | | | 0 (Action) | |
| 919 | Alt Config - Overcurrent Delay | | | 0.00:00 | |
| 920 | Alt Config - Overcurrent Trip | | | 0 (%) | |
| 921 | Alt Config - Generator AC System | | | 0 (AC System) | |
| 922 | Alt Config - Mains Failure Detection | | | On (1), Off (0) | |
| 923 | Alt Config - Immediate Mains Dropout | | | On (1), Off (0) | |
| 924 | Alt Config - Mains Under Volt Enable | | | On (1), Off (0) | |
| 925 | Alt Config - Mains Under Volt Trip | | | 0 V | |
| 926 | Alt Config - Mains Under Volt Return | | | 0 V | |
| 927 | Alt Config - Mains Over Volt Enable | | | On (1), Off (0) | |
| 928 | Alt Config - Mains Over Volt Return | | | 0 V | |
| 929 | Alt Config - Mains Over Volt Trip | | | 0 V | |

Continued in next column

| CONFIGURATION PARAMETERS – ALTERNATIVE CONFIGURATION (PAGE 9) CONTINUED | | | | | |
|---|--|--|--|-----------------|--|
| 930 | Alt Config - Mains Under Frequency Enable | | | On (1), Off (0) | |
| 931 | Alt Config - Mains Under Frequency Trip | | | 0.0 Hz | |
| 932 | Alt Config - Mains Under Frequency Return | | | 0.0 Hz | |
| 933 | Alt Config - Mains Over Frequency Enable | | | On (1), Off (0) | |
| 934 | Alt Config - Mains Over Frequency Return | | | 0.0 Hz | |
| 935 | Alt Config - Mains Over Frequency Trip | | | 0.0 Hz | |
| 936 | Alt Config - Alternative Under Speed Shutdown Enable | | | On (1), Off (0) | |
| 937 | Alt Config - Alternative Under Speed Shutdown Trip | | | 0000 RPM | |
| 938 | Alt Config - Alternative Over Speed Shutdown Trip | | | 0000 RPM | |

| CONFIGURATION PARAMETERS – FLEXIBLE SENSOR (PAGE 10) | | | | | |
|--|---|--|--|-----------------------|--|
| 1001 | Flex Sensor Alarm Arming | | | 0 (Arming) | |
| 1002 | Flex Sensor - Low Alarm Enable | | | 0 (Action) | |
| 1003 | Flex Sensor - Low Alarm Trip (Units Depend Upon Sensor Type) | | | 0 % / 0.00 bar / 0 °C | |
| 1004 | Flex Sensor - High Alarm Enable | | | 0 (Action) | |
| 1005 | Flex Sensor - High Alarm Trip (Units Depend Upon Sensor Type) | | | 0 % / 0.00 bar / 0 °C | |
| 1006 | Flex Sensor - Low Warning Enable | | | On (1), Off (0) | |
| 1007 | Flex Sensor - Low Warning Trip (Units Depend Upon Sensor Type) | | | 0 % / 0.00 bar / 0 °C | |
| 1008 | Flex Sensor - High Warning Enable | | | On (1), Off (0) | |
| 1009 | Flex Sensor - High Warning Trip (Units Depend Upon Sensor Type) | | | 0 % / 0.00 bar / 0 °C | |
| 1010 | Flex Sensor - Level Value Units (When Sensor Type is %) | | | 0 (Level Value Units) | |
| 1011 | Flex Sensor - Level Scaling Value (When Sensor Type is %) | | | 0 | |

| CONFIGURATION PARAMETERS – SCHEDULER (PAGE 11) | | | | | |
|--|------------------|-----------------|------|----------|-------------------|
| 1101 | Enable Scheduler | On (1), Off (0) | 1104 | Day | 0 (Day, 1=Monday) |
| 1102 | On or Off Load | On (1), Off (0) | 1105 | Duration | 0:00:00 |
| 1103 | Start Time | 0:00:00 | | | |

| CONFIGURATION PARAMETERS – TIME AND DAY (PAGE 12) | | | | | |
|---|-------------|------|------|-------------|-------------------|
| 1201 | Time of Day | 0:00 | 1202 | Day of Week | 0 (Day, 1=Monday) |

| INPUT SOURCE LIST | | | | | |
|-------------------|----------------------------|----|------------------------|----|--------------------------|
| 0 | User Configured | 8 | Emergency Stop | 16 | Oil Pressure Switch |
| 1 | Alarm Mute | 9 | External Panel Lock | 17 | Remote Start Off Load |
| 2 | Alarm Reset | 10 | Reserved | 18 | Remote Start On Load |
| 3 | Alternative Configuration | 11 | Generator Load Inhibit | 19 | Simulate Mains Available |
| 4 | Auto Restor Inhibit | 12 | Lamp Test | 20 | Smoke Limiting |
| 5 | Auto Start Inhibit | 13 | Low Fuel Level Switch | 21 | Close Gen / Open Mains |
| 6 | Auxiliary Mains Fail | 14 | RESERVED | 22 | Open Gen / Close Mains |
| 7 | Coolant Temperature Switch | 15 | Mains Load Inhibit | | |

| INPUT ACTION LIST | |
|-------------------|-----------------|
| Index | Action |
| 0 | Electrical Trip |
| 1 | Shutdown |
| 2 | Warning |

| INPUT ARMING LIST | |
|-------------------|----------------|
| Index | Arming |
| 0 | Always |
| 1 | From Safety On |
| 2 | From Starting |
| 3 | Never |

| INPUT POLARITY LIST | |
|---------------------|-------------------|
| Index | Action |
| 0 | Close to Activate |
| 1 | Open to Activate |

| OUTPUT POLARITY LIST | |
|----------------------|-------------|
| Index | Arming |
| 0 | De-energise |
| 1 | De-energise |

| CAN DATA FAIL ACTION | |
|----------------------|------------------------|
| Index | Action |
| 0 | None |
| 1 | Shutdown |
| 2 | Warning Always Latched |

| CAN DATA FAIL ARMING | |
|----------------------|----------------|
| Index | Arming |
| 0 | From Safety On |
| 1 | From Starting |

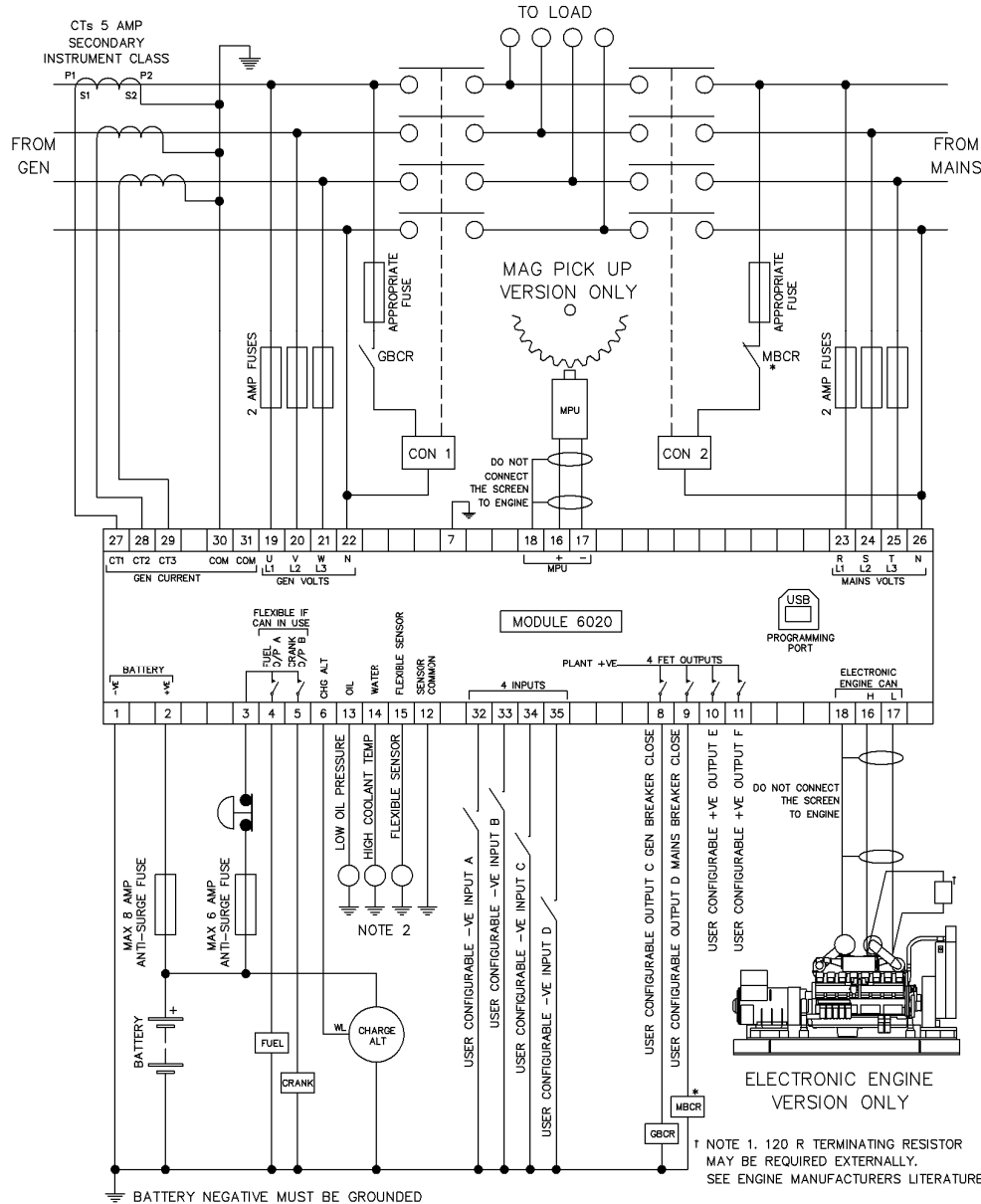
| FLEXIBLE SENSOR ALARM ACTION LIST | |
|-----------------------------------|-----------------|
| Index | Action |
| 0 | None |
| 1 | Shutdown |
| 2 | Electrical Trip |

| OUTPUT SOURCE LIST | | |
|--------------------|------------------------------------|---------|
| 0 | Not Used | |
| 1 | RESERVED | |
| 2 | RESERVED | |
| 3 | Audible Alarm | |
| 4 | Battery Over Volts Warning | |
| 5 | Battery Under Volts Warning | |
| 6 | CAN ECU Data Fail | CAN ACK |
| 7 | CAN ECU Error | CAN ACK |
| 8 | CAN ECU Fail | CAN ACK |
| 9 | CAN ECU Power | CAN ACK |
| 10 | CAN ECU Stop | CAN ACK |
| 11 | Charge Alternator Shutdown | |
| 12 | Charge Alternator Warning | |
| 13 | Close Gen Output | |
| 14 | Close Gen Output Pulse | |
| 15 | Close Mains Output | |
| 16 | Close Mains Output Pulse | |
| 17 | Combined Mains Failure | |
| 18 | Common Alarm | |
| 19 | Common Electrical Trip | |
| 20 | Common Shutdown | |
| 21 | Common Warning | |
| 22 | RESERVED | |
| 23 | RESERVED | |
| 24 | RESERVED | |
| 25 | RESERVED | |
| 26 | RESERVED | |
| 27 | RESERVED | |
| 28 | RESERVED | |
| 29 | Emergency Stop | |
| 30 | Energise To Stop | |
| 31 | RESERVED | |
| 32 | Fail To Start | |
| 33 | Fuel Relay | |
| 34 | Gas Choke On | |
| 35 | Gas Ignition | |
| 36 | Generator Available | |
| 37 | Generator High Volts Shutdown | |
| 38 | Generator Low Volts Shutdown | |
| 39 | RESERVED | |
| 40 | RESERVED | |
| 41 | Low Fuel Level | |
| 42 | Low Oil Pressure Shutdown | |
| 43 | RESERVED | |
| 44 | RESERVED | |
| 45 | RESERVED | |
| 46 | RESERVED | |
| 47 | Open Gen Output | |
| 48 | Open Gen Output pulse | |
| 49 | Open Mains Output | |
| 50 | Open Mains Output pulse | |
| 51 | RESERVED | |
| 52 | RESERVED | |
| 53 | Preheat During Preheat Timer | |
| 54 | Preheat Until End Of Crank | |
| 55 | Preheat Until End Of Safety Timer | |
| 56 | Preheat Until End Of Warming Timer | |
| 57 | Smoke Limiting | |
| 58 | Start Relay | |
| 59 | RESERVED | |
| 60 | RESERVED | |
| 61 | RESERVED | |
| 62 | Flexible Sensor High Shutdown | |
| 63 | Flexible Sensor High Warning | |
| 64 | Flexible Sensor Low Shutdown | |
| 65 | Flexible Sensor Low Warning | |

60xx - 02 (CAN option) only
 60xx - 01 (Magnetic pickup option) only



TYPICAL WIRING DIAGRAM



TERMINALS SUITABLE FOR 22-16 AWG (0.6mm - 1.3mm) FIELD WIRING
 TIGHTENING TORQUE = 0.8Nm (7lb-in)

NOTE 2
 THESE GROUND CONNECTIONS MUST BE ON THE ENGINE BLOCK, AND MUST BE TO THE SENDER BODIES.

* NOTE 3. MAINS BREAKER CLOSED OUTPUT SHOULD BE CONFIGURED FOR DE-ENERGISE CLOSE MAINS, AND USE THE NORMALLY CLOSED CONTACTS OF MBCR

† NOTE 1. 120 R TERMINATING RESISTOR MAY BE REQUIRED EXTERNALLY. SEE ENGINE MANUFACTURERS LITERATURE



DEEP SEA ELECTRONICS
DSE6020 INSTALLATION INSTRUCTIONS

ACCESSING THE FRONT PANEL CONFIGURATION EDITOR

Ensure the engine is at rest and the module is in stop mode by pressing the stop/reset button.

Press the stop/reset and info buttons simultaneously.

The configuration icon is displayed, along with the first configurable parameter.

EDITING A PARAMETER

Press to select the required 'page' as detailed in the configuration tables.

Press (+) to select the next parameter or (-) to select the previous parameter within the current page.

When viewing the parameter to be changed, press the button. The value begins to flash.

Press (+) or (-) to adjust the value to the required setting.

Press the save the current value, the value ceases flashing.

Press and hold the button to exit the editor, the configuration icon will be removed from the display.

NOTE: - pressing and holding the + / - buttons will give auto-repeat functionality. Large values can be changed quicker by holding the buttons for a prolonged period. For instance large timers increment in 1 second steps to 1 minute, then in 30 second steps to 1 hour, then in 30 minute steps.

DIMENSIONS AND MOUNTING

For flat surface mounting in a Type 1 enclosure to meet UL requirements.

DIMENSIONS

216mm x 158mm x 42mm
 (8.5" x 6.2" x 1.6")

PANEL CUTOUT

182mm x 137mm
 (7.2" x 3.9")

| | |
|---|---|
| <p>Deep Sea Electronics Plc. Tel: +44 (0)1723 890099 Fax: +44 (0)1723 893303 Email: support@deepseapl.com Web: www.deepseapl.com</p> | <p>Deep Sea Electronics inc. Phone: +1 (815) 316-8706 Fax: +1 (815) 316-8708 TOLL FREE (USA only) Tel: +1 866 636 9703 Email: support@deepseausa.com Web: www.deepseausa.com</p> |
|---|---|