



Reg. No. 1998/012610/23, VAT. No. 4020173789, Member: Edward Smith-Dack
Address: New Market Commercial Park, 39 Heidelberg Ave, Unit 8 & 9, New Market, Alberton, 1449.
P.O Box 145925, Brackengardens, Alberton, 1452
Cell No: 084 589 0750, Landline: (011) 908 3726, Fax No.: (011) 864 1182
E-mail Address: eddy@proamp.co.za



12VDC/24VDC DIESEL/ANNUNCIATOR COMBINED (GLASS WINDOW)



INCLUDES THE FOLLOWING:

- a) 2 x ASIB tests
- b) 2 x 12VDC/24VDC 5A battery charger with the following features:
 - Mains on
 - Charger fail
 - Reverse polarity
 - DC fuse blown
- c) 1 x Annunciator (20 Zone)
- d) 2 x Ammeters DC
- e) 1 x Voltmeter DC
- f) 1 x Voltmeter AC
- g) 1 x Digital Rev counter
- h) 1 x Digital Hour meter
- i) 1 x Extractor fan contactor relay
- j) 12 x Potential frees with changeover either Normally Open or Normally Closed (SPDT)
- k) 1 x 6 Start attempt

- l) Cell Link (RS1000) with Data Logger
 - a. 32 Zone
 - b. 5 x Contact persons
- m) EMI/EMC Line Filter
- n) Door switch isolating
- o) Switch gear type GE
- p) Potential frees wired to cell link & terminals for other controllers.
- q) 2 x Tacho Relay to accommodate either Namur or magnetic pickup
- r) Fault level = 50kA
- s) 10 x 38 Cylindrical fuses used for circuit protection
- t) Tacho relay № 1 or 2 fault output to Annunciator, Cell link and potential frees:
- u) Digital Temp gauge (Only sender required on Engine)
- v) Illuminated reset Push Button

THE ANNUNCIATOR ALSO INCLUDES THE FOLLOWING FEATURES:

- N/O Potential free for common fault
- Battery monitoring via a load resistor on Main PC Board
- The alarm outputs are coded to avoid incorrect field wiring
- 2x 12A hour batteries
- Alarm outputs are now programmed and delays can be incorporated into the program
- 2x sirens continuously rated IP65
- 1x Bell continuously rated IP55
- 1x Beacon 48 led continuously rated IP66
- Alarms mounted under a canopy, which helps eliminate harsh weather conditions
- Switch mode Battery charger therefore no external transformers & bridge rectifiers

OPTIONAL EXTRAS

- Remove cell link RS1000
- Upgrade Enclosure and canopy to 3CR12 Metal
- Upgrade Enclosure and canopy to 316 S/S Metal
- Oil pressure gauge 0 – 10 Bar (Digital)
- Pressure Switch monitoring (Including potential free SPDT and output to cell link)
- Data logger should a RS1000 cell link not be needed
- Fuel Solenoid
- Diesel tank low level (Including potential free SPDT and output to cell link)
- Water tank levels (each) (Including potential free SPDT and output to cell link)
- Extra Set of Potential Frees(SPDT)
- Surge Arrestor Type GE
- Change Switchgear to other make
- Special Risk Projects (Documentation)
- Special Risk Factory Acceptance Test
- Analogue Temperature Gauge + Thermocouple (with 4 – 20mA retransmission analogue signal, as well as high temperature digital signal)
- Analogue Oil Pressure Gauge + Transducer (with 4 – 20mA retransmission analogue signal, as well as low oil pressure digital signal)
- Analogue Diesel Tank Level Gauge + Transducer (Probe) contact with diesel (4 – 20mA retransmission analogue signal, as well as low digital contact signal)
- Analogue water Tank/Diesel tank level gauge + transducer (Ultra Sonic) no contact with water (4 – 20mA retransmission analogue signal, as well as low digital contact signal)
- Oil temperature gauge (Digital)
- Water tank Float switch – type “minimatic” 10m Cable
- Analogue water tank level gauge + sensor “submersible pressure transducer” with low level digital signal as well as a 4 – 20mA re-transmission analogue signal
- Anti-condensation heater
- Emergency Led lighting illuminating the door in the event of a mains fail (led light has its own built in battery and battery charger)
- Packaging
- Serial Communication using Modbus RTU (RS485) protocol for serial Coms to PLC ect
Note: No set of potential frees are given
- Serial Communication using Modbus RTU (RS485) protocol for serial Coms to PLC ect.....
Note: Including a set of potential frees as well
- Network Surge Arrestor for serial Coms
- Battery Monitoring, with manual load testing Push Button and set of potential frees for “Battery № 1 fail” & “Battery № 2 fail”, as well as an output to the cell link.