

CO-GUARDIAN FMS – SANDIA SWITCHES/RELAYS

GUARDIAN AVIONICS IFDR 650 CONNECTED COCKPIT & CARBON MONOXIDE DETECTOR SYSTEM



Experimental/Homebuilt Aircraft. The iFDR 650 is a state-of-the-art connected cockpit system and it is engineered with two Smart USB chargers which provide fast and efficient charging to all your portable electronics. The unit is installed in your panel and communicates with your GPS and engine monitor via the RS232 data bus. Bluetooth technology provides multiple data feeds from the iFDR 650 to as many as three iPads or iPhones. (*The iFDR Connect App can be found in the App Store.). Pilot(s) and passenger(s) can view real time GPS, Engine, and instrument data simultaneously on their iPad(s) and iPhone(s). At the same time, you can use your handheld device to access additional WiFi and Bluetooth products in the aircraft. The iFDR 650 combined with the iFDR Connect App will automatically record engine and flight data onto your iPad or iPhone. * The data can be viewed and analyzed later on an iPad or computer in the comfort of your home or shared with your aviation technician. A built-in carbon monoxide detector will monitor CO levels in the cockpit environment. In order to fully utilize all the features of the iFDR 650 a GPS and or engine monitor is required. We recommend that you verify with support that your GPS system and engine monitor will integrate with the iFDR 650. The iFDR 650 is non-certified and built for the Home Built/Experimental Aircraft market.

P/N 13-16436\$889.00

TRANS-CAL NANO ADAPTER PLATE



Trans-Cal Industries has developed Adapter Plates that allow the technician to quickly replace existing or legacy encoder installations in favor of the new Trans-Cal SSD120-(XX)N series of altitude digitizer/encoders. These plates simplify the installation task by providing an adapter designed for the Trans-Cal unit, while utilizing the existing mounting tray. All adapter plates include stainless steel mounting hardware and are approved for installation under TSO-C88a and ETSO-C88a

Adapter Plate	Part No.	Price
ACK	11-09603	\$23.95
Ameri-King	11-09605	\$23.95
Sandia	11-09602	\$23.95
Shadin	11-09604	\$23.95
SSD120 and Narco	11-09601	\$23.95
Sandia 103035	11-13198	\$23.99
Sandia 103036	11-09602	\$23.95

SANDIA SRU MODULE ENCLOSURES



The SRU 1 is a single card enclosure which accepts any MARC70 interface module. The SRU 1 is ideally suited for installations where only one MARC70 card is required or where there is limited real estate for mounting the larger enclosures. The SRU 1 can be mounted in any axis and either inside or outside the pressure vessel.

SRU 1P/N 11-11325\$174.95

The SRU 5 is a multi-card enclosure that accepts up to five MARC70 interface modules. The SRU 5 can be mounted either inside or outside the pressure vessel. When less than five interface modules are used with the SRU 5, cover plates are placed over the unused card slots. If additional cards are required at a later date, the cover plates can be removed and the appropriate interface card installed. When installing the SRU 5 ample room should be allowed for both connector clearance and for inserting and removing the interface modules. The SRU 5 as well as the interface modules can be mounted in any axis.

SRU 5P/N 11-11326\$375.00

SRU5-1P/N 11-11327\$375.00

The SRU 10 is multi-card enclosure that accepts up to ten MARC70 interface modules. It is ideally suited for installations that will require more than five interface modules. As with the SRU 5, unused slots are covered with cover plates included in the installation kit. These extra slots can be used on future installations, eliminating the need for additional mechanical engineering and approval. The SRU 10 can be installed either inside or outside the aircraft's pressure vessel. For installation flexibility, the SRU 10 and the installed interface modules can be mounted in any axis. Ample room should be allowed for both the connector and for inserting and removing the interface modules.

SRU 10P/N 11-11328\$555.00



SANDIA SA 3 REGULATOR INCANDESCENT DIMMING MODULE

Regulator/Dimming Board. Provides .5 amps of annunciator drive for lighting display annunciator. Will provide 1 amp short term for test purposes. Switchable between bright and dim with both modes field adjustable.

P/N 11-11314\$555.00



SANDIA SA 3L REGULATOR LED DIMMING MODULE

Regulator/Dimming Board. Provides 0.5 amps of annunciator drive for lighting LED annunciators. Will provide 1 amp short term for test purposes. Switchable between bright and dim with both modes field adjustable.

P/N 11-11315\$535.00



SANDIA SA 15 SIGNAL INVERTER MODULE

Inverter Board converts a High to a Low or a Low to a High to provide common annunciator power. 14 inverter outputs. P/N 11-11317\$550.00



SANDIA SA 24 DIODE ISOLATION MODULE

Diode Isolation Module. Provides 23 lines of diode ground in - ground out isolation. Internal FET allows simultaneous test of all lines to ground. Requires 28 Vdc for test

P/N 11-11318\$450.00



SANDIA SR 263 DUAL 6 POLE RELAY MODULE

Two, six pole nitrogen filled relays. Can be activated simultaneously or individually

P/N 11-11319\$3,100.00



SANDIA SR 623 SIX 2 POLE RELAY MODULE

This SR 623 has a total of six, two pole relays in nitrogen filled metal cases.

P/N 11-11321\$1,350.00



SANDIA SR 34-1 12 POLE SWITCHING MODULE

The SR34 uses three, four-pole sealed relays to provide a total of 12 lines of signal level switching.

P/N 11-11322\$394.00



SANDIA SR 54-1 20 POLE RELAY SWITCHING UNIT

The SR54 switching is ideally suited for GPS and other Long Range Navigation Systems that share an HSI/ CDI with a VOR/LOC receiver. The twenty poles of switching allow all resolver and steering lines to be switched simultaneously. And the built-in reversionary switching circuitry to ensure VOR/LOC steering is always displayed on the indicator should power be lost or if an ILS frequency is selected in the NAV receiver.

P/N 11-11323\$599.00



SANDIA SR 64-1 24 POLE RELAY SWITCHING UNIT

The SR64 has six, four-pole relays to provide a total of 24 lines of switching. This multi-purpose switching unit has its relays arranged in a group of four (16 poles) and two single relays (4 poles each).

P/N 11-11324\$600.00



SANDIA AIS RELAY SWITCHING UNITS

A general purpose Avionics units. Operates on 28Vdc; PMA'd NSN 5999-01-544-0513

24 PoleP/N 11-11313\$650.00

20 PoleP/N 11-11302\$486.00



SANDIA ST 26 TACH GENERATOR ADAPTER

The ST 26 is a Tach Generator Adapter that converts sinusoidal, 26vac – 400hz output of the Turbine Engine Tach Generators to a digital signal. This TSO approved adapter can be used for aircraft instrument displays or for other control – data collection systems. The ST 26 is approved to work with the most common aircraft tachometers models.

P/N 11-11331\$760.00

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