

NL-1628

Auxiliary Power Unit (APU) Control Box



NL-1628 AUXILIARY POWER UNIT CONTROL UNIT



- It is located near APU so that user can easily interfere during maintenance.
- Present error status on APU can be observed.
- There are buttons to directly interfere in case there is a problem when APU is automatically activated.
- It is designed as per IP67 Standards. It also enables to access latest 500 detailed log records thanks to diagnostic.
- It is conformant to MIL-STD-810G and MIL-STD-461E/F standards.

Dimensions (WidthxLengthxHeight)	140mmx213mmx160mm ±5
Weight	3,1 kg ±0.1
Communication Protocol	CANBUS J1939
Operating Voltage	24 VDC

1.	A/C CLUTCH: A/C CLUTCH: A/C system cannot be started when the corresponding LED is on	12.	FUEL WATER FILTER: The corresponding LED glows when the water level in the fuel water filter increases.
2.	HYDRAULIC SOLENOID: The corresponding LED glows when the hydraulic solenoid is activated.	13.	EMERGENCY SHUTDOWN: When correspondent button is pressed, the emergency button is activated.
3.	HYDRAULIC FAN PWM : Hydraulic LED light level decreases as the fan speed increases.	14.	MANUAL ACTUATOR: The Actuator operates as long as correspondent button is kept pressed.
4.	RADIATOR FAN PWM : The corresponding LED light level decreases while radiator fan speed increases.	15.	MANUAL FUEL PUMP: The Fuel Pump operates as long as correspondent button is kept pressed.
5.	EMERGENCY SHUTDOWN: The corresponding LED lights glow if any of the emergency shutdown buttons is activated.	16.	MANUAL START: The Starter Motor operates as long as correspondent button is kept pressed.
6.	ENGINE COOLING: The corresponding LED light glows when the engine water temperature is high.	17.	MANUAL GLOW: The Glow operates as long as correspondent button is kept pressed.
7.	OIL PRESSURE: The corresponding LED glows when the engine oil pressure is low.	18.	ACT: The fuse of Actuator.
8.	CABIN WATER LEVEL: The corresponding LED glows when there is no water in the cabin. If there is too much water, it is drained away.	19.	FUEL PUMP: The fuse of Fuel Pump.
9.	AIR FILTER: The corresponding LED glows if the air filter is clogged.	20.	STARTER ENGINE: The fuse of Starter Engine.
10.	RADIATOR WATER LEVEL: The corresponding LED glows when there is no water in the radiator. If there is too much water, it is drained away.	21.	GLOW: The fuse of Glow.
11.	FSS ALARM: The corresponding LED glows in the event of an alarm in APU engine compartment.	22.	DIAGNOSTIC: Software installation socket.