

Ground Vehicle Weapon Control Unit Fire Control Console (AKK), Command Control Console (KKK), FIS Control Unit (FIS KB)



Ground Vehicle Weapon Control Unit, Fire Control Console (AKK), Command Control Console (KKK), FIS Control Unit (FIS KB)

Control units are specially designed for the requirements. Control units work with 28 VDC input voltage. In addition to direct 28 VDC outputs, it has one isolated 24 VDC output. It has two RS485 and 10 ethernet interfaces.

Input Features

● Input Voltage	28 VDC rated
● Input Voltage Range	18-36 VDC
● No-load Power Consumption	<2,5 A

Output Features

● Number of DC Outputs Switched	1
● Number of RS485	2
● Number of Ethernet	10 (AKK-KKK), 5 (FIS KB)

Mechanical Properties

● Width	467±1 mm
● Height	78±1 mm
● Depth	285±1 mm
● Weight	7±0,2 kg

Electromagnetic Compatibility

● MIL-STD-461G	CE102 CS101, CS114, CS115, CS116 RE102 RS103
----------------	---

Environmental Characteristics

● Operating Temperature	MIL-STD-810G -32°C ~ +50°C
● Storage Temperature	MIL-STD-810G -40°C ~ +63°C
● Solar Radiation	MIL-STD-810G, Metot 505.5, Procedure I, Category A2
● Rain	MIL-STD-810G, Method 506.5, Procedure III MIL-STD-810G, Method 506.5, Procedure I
● Low Pressure	MIL-STD-810G, Method 500.5, Procedure II
● Mechanical Shock	MIL-STD-810G Method 516.6 Shock, Procedure I Functional Shock, 40 g 11 ms
● Vibration	MIL-STD-810G, Category 20-a, Procedure II, MIL-STD-810G, Category 20-a, Procedure II, Chart 514-6C-IV, Figure 514.6C-2 AECPT-400 Ed.3, Figure B-4
● Humidity	MIL-STD-810G, Method 507.5, Figure 507.5-7, Procedure II %95 humidity (Without condensation)
● Sand and Dust	MIL-STD-810G, Method 510.5 Procedure I and Procedure II

Protections

● DC overcurrent	Closes the DC output.
------------------	-----------------------