

# KVM104 AC BUS CONTROLLER

**KUERZI**  
avionics

## Technical Data Sheet



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### Description

The KVM104 AC BUS CONTROLLER monitors, manages and protects four individual 230VAC outlets. The outlets are prioritised and the KVM104 provides external signals based on the outlets power consumption. These signals are intended for use as load shedding controls, guaranteeing an uninterrupted and safe power distribution on the 230VAC outlets, but can be used for other functions such as indications. A remotely resettable RCD protects the outlets from current faults. On detecting a short circuit, the KVM104 provides a "short circuit detected" signal to disable an external power supply. A 28VDC input powers the internal circuitry.

The product meets aviation standards and requirements and is delivered with an EASA Form 1. The applicable approval can be provided by us specifically for your aircraft type.

### Features

- Monitoring of four 230VAC outlets
- Load Shedding signals for external equipment
- Integrated RCD with motor
- Short circuit protection

### Application example

The KVM104 AC BUS CONTROLLER is installed in civil helicopters as part of our Modular Multi Mission System (MMS) to control the 230VAC supply to different equipment. The KVM104 can also be installed in your avionics solution to protect your 230VAC system.

On your request the KVM104 can be altered or adapted to your requirements.

Other products that also might interest you:  
KPH100 AC Bus Outlet Control  
KPX101 AC/DC Converter

## Technical Specifications

Nominal Operating Input Voltage	28.00 V
Max Operating Voltage	32VDC / 259VAC
Nominal Operating Input Current	60 mA
Max Input Current	4.00 A

## Environmental Specifications according DO-160 / ED-14

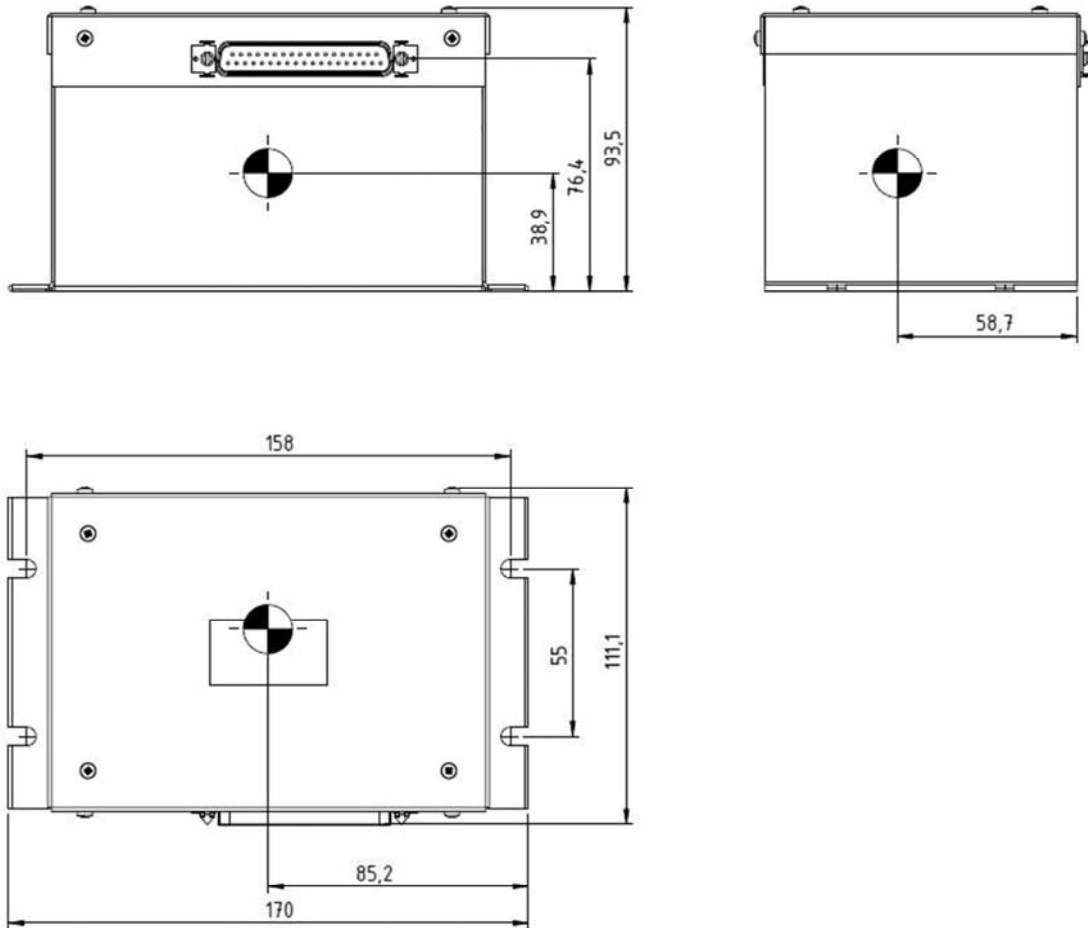
Emission of Radio Frequency Energy	DO-160G Section 21 Cat. M
Fire, Flammability	DO-160G Section 26 Cat. C

## Mechanical Dimensions

Weight of the unit 735.00 Gr

Weight of the unit including required installation materials (w/o wiring) 831.00 Gr

All dimensions [mm]



## Configuration / Ordering Data

Part Number	Type	Description
1212911.71	KVM104	AC power bus controller

### Additional Parts for installation:

Qty	Part Number	Description
1	RD37F10000	D-SUB, SOCKET, 37POL
1	D37000ANVL0	D-SUB, CASE ALU, 37POL, VIBRATION LOCK LEVER