



BIU0045

Bus Interface Unit,
application designed for various aircraft

BIU0045



Key features

The BIU0045-Series Bus Interface Unit is an all-in-one CMS zone controller that interacts with IFE / CMS or can be used as stand-alone unit.

The Bus Interface Unit is able to control most of cabin installed equipment like lights, air conditioning, window shades, hi-/lo-tables, in-flight entertainment, cabin communication and more.

It features ten tri-state discrete inputs, six pin programming inputs, twenty dual-state and ten tri-state discrete outputs, six relay outputs and one analogue output. Four RS485 interfaces are for communication with lights and light control units, ten RS485 interfaces connect with any kind of cabin equipment.

The management matrix of the BIU0045 can be customised to realise any event driven function. For example light scenarios can be stored and easily started by IFE / CMS. Bus Interface Units can also communicate every event within a zone.

Our Bus Interface Unit BIU0045 interacts perfectly with AES products and all available systems on the market.

Technical data

Mechanical dimensions

length	215 mm
width	172 mm
height	44 mm
weight	1,2 kg

Electrical data

input voltage	28 V DC
power consumption	max. 112 W