

Test system for the Door Ramp Actuation System

>TS-DRAS1<



Designed as electrical valve control for the Door Ramp Actuation System (DRAS) of AIRBUS A400M.

Can be adapted for other aircraft types.

- > Ergonomic, compact design
- > Integrated, hinged touch panel
- > Integrated, extendable drawer for keyboard and mouse
- > Connection via CEE plug (16 A) with 10 m cable

MISCELLANEOUS

- > The test bench serves to perform functional tests at the Door Ramp Actuation System (DRAS).
- > A400M DRAS is used for moving the ramp (latching/locking), the gate of the cargo hold (down-latching, down-locking, up-latching), for moving stabilizer struts, ramp toes and air deflectors.
- > Ramp and gate at the rear end of the aircraft allow access to the cargo hold. Access is required for passengers or for loading/unloading of cargo.
- > Stabilizer struts prevent the aircraft from tilting during loading/unloading.
- > Ramp toes are designed as bypass during loading/unloading of vehicles and passengers. Furthermore for loading/unloading of pallets and platforms from floors of trucks.
- > The air deflector opens a guard door for parachutists.

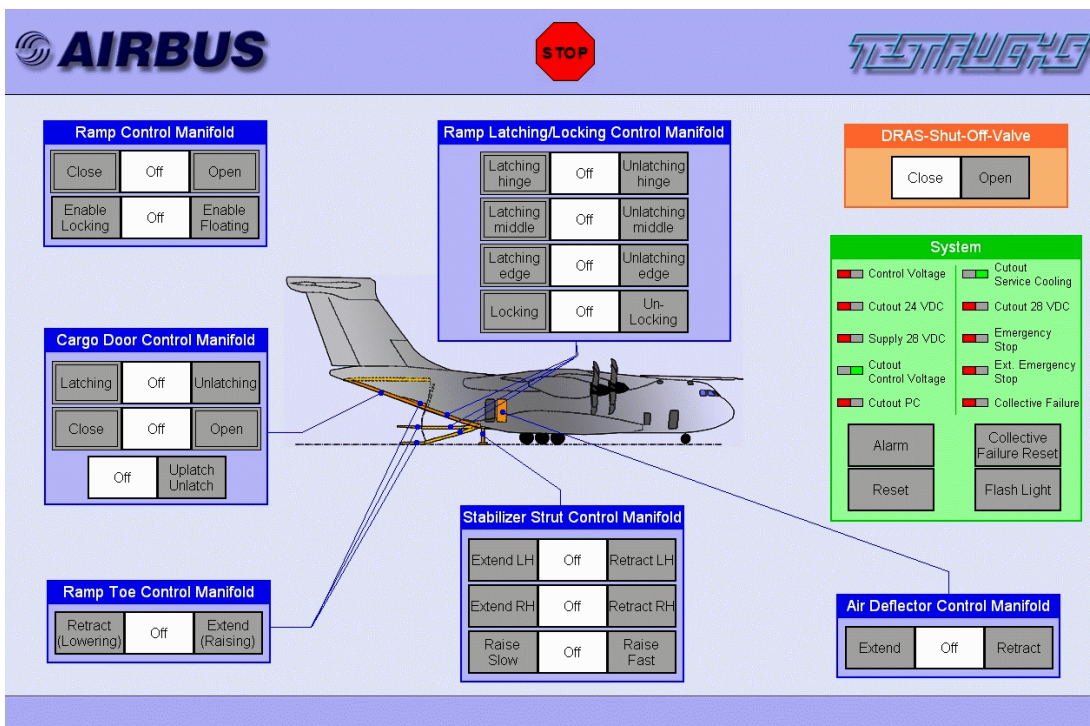
TECHNICAL DATA

> Electrical connected loads:

Mains connection:	3/N/PE AC 50 Hz 400 V
Power:	10.2 kVA
Nominal current:	6.6 A
Back-up fuse:	16 A

> Dimensions and weight:

Width:	600 mm	(2.0 ft)
Depth:	700 mm	(2.3 ft)
Height:	1250 mm	(4.1 ft)
Weight:	150 kg	(330 lb)



User interface

By using individual buttons, 28 VDC commands are transferred to hydraulic consumers of A400M to test individual settings.

OPTIONS

A wide range of options is available to fulfil our customers' requirements. e.g.: Adaption for different aircraft types, different cable length, etc.

Technical data are subject to change!