

## DIAGNOSTIC EQUIPMENT

# Load Bank 3x200 V 400 Hz LO-115/260 type

With Load Bank LO-115/260 current loads can be set for 3x200 V, 400 Hz output voltage of a ground power unit for aircraft ground support equipment (GSE).

Features:

- indication of the A, B and C live phases and of their rotation direction
- load current setting by operator
- testing ground power units by variable load current's automatic setting according to a pre-defined programme
- exhaust systems' decarbonisation of GPU's Diesel engine by variable load current's automatic setting according to a pre-defined programme
- three-phase voltage, frequency, and current measurements with analogue indicators on the control panel
- control and indication of EF protection system's performance
- connections to external control and measurement devices' measuring sockets

The Load Bank provides comfort and functionality for everyday and scheduled maintenance of the power units. Its small weight and size allow easy loading and fixing in the service vehicle's luggage compartment, significantly increasing the safety during transport.



## TECHNICAL DATA

### voltage / frequency

115 / 200 V a.c.  $\pm 10\%$  / 400 Hz  $\pm 10\%$

### power [kW / kVA $\cos\phi = 1$ ]

0 – 90 kW  $\pm 10\%$

### power adjustment

15 steps of 6 kW

### load current measuring range

0-300 A a.c., accuracy grade 1.5

### loaded voltage frequency measuring range

360/440 Hz, accuracy grade 1.5

### voltage measuring range

0-250 V a.c., accuracy grade 1.5

### GPU test programme

load power increase 0 - 100% [30s] constant

load power 100% [5min]

load power decrease 100 - 0% [10 min]

### GPU Diesel engine decarbonisation programme

load power increase 0 - 100% [30s] constant

load power 100% [45min]

load power decrease 100 - 0% [10 min]

### operating temperature range

-20°C ÷ +50°C

### ambient air relative humidity

up to 85%

### protection rating

IP21

### standards

ISO 6858, PN – ISO 461, DSF 400, ARP 5015

## PARAMETERS

### dimension (L x W x H)

620 mm x 235 mm x 660 mm

### weight

26 kg