

# DEKAL® LOAD BANKS

DEKAL LOAD BANKS - DEKAL AGREGATI LLC  
UL. LUDVIKA PLAMBERGERJA 25  
SI-2204 MIKLAVZ NA DR. POLJU  
SLOVENIA - EUROPE

Tel.: +386 2 320 325 0 \* Fax: +386 2 320 325 2  
Email: info@gse-global.com  
Web: www.gse-global.com

DEKAL LOAD BANKS USA LLC  
2000 TECHNOLOGY DRIVE  
PITTSBURGH, PA 15219 - USA

Tel.: +1 800 323 9172  
Cell: +1 954 516 4245  
Email: info@dekalloadbanks-us.com  
Web: www.dekalloadbanks-us.com



## GATEWAY AIRCRAFT PLUG - 400 Hz AC



FIRST EVER PRODUCED SPECIFICALLY DESIGNED MEASURING DEVICE,  
DIRECTLY PLUGGED BETWEEN GPU AND AIRCRAFT (CONSUMPTION SOURCE)

### TECHNICAL SPECIFICATION

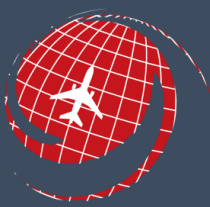
### GAP-400

VOLTAGE [V]	115 / 200 V AC $\pm$ 10 %
Frequency [Hz]	400 Hz $\pm$ 10 %
Rated AC current	450 A - continuous duration rate 1500 A - duration of 60 seconds
Device indicated accuracy class factor	0.5
Isolated plug test pins for external voltage measurement on E&F circuit + / -	28.5 V DC
Isolated plug test pins for external voltage / frequency measurement on / between A, B, C / N phases	115 V / 400 Hz
Isolated plug test pins for external current measurement on CT-A, CT-B, CT-C phases (k,l)	3 x 450 A / 5 A
Indicator of phase presence	Presence of A, B, C phases
Indicator of phase rotation	Left or Right
Indicator of E&F presence	Presence of E/F

### SIZE, WEIGHT & CLASSIFICATION

TESTING PROCEDURE ACCORDING	ISO 6858, IP 40, DSF 400, MIL-SPEC ARP, 5015
DEVICE CLASSIFICATION	CE marking, DIN, VDE, IEC
GAP PLUG SIZE [L x W x H] mm / Kg	1200 x 150 x 150 / 10.0
TRANSPORT CASING [L x W x H] mm / Kg	600 x 310 x 280 / 5.5

Including transport carrying case per unit / All specifications are subject to change without further notice



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Tel.: +386 2 320 325 0 \* Fax: +386 2 320 325 2  
Email: info@gse-global.com  
Web: www.gse-global.com

Tel.: +1.800.323.9172  
Cell: +1.954.516.4245  
Email: info@dekalloadbanks-us.com  
Web: www.dekalloadbanks-us.com

## ADVANTAGES of GATEWAY AIRCRAFT PLUG

- **Simple operation** suitable for non-trained operators and personnel; no maintenance required
- Suitable for **workshop and/or airside operation**
- **Environmental operating temperature** from -20 °C to 55 °C / -4 °F to 122 °F
- Enables **higher operators safety** while ground power is being measured
- Instrument intendant for **aviation engineers and technicians** at airport or air base
- Isolated jack sockets for **external DC voltage measuring** on E&F circuit
- Isolated jack sockets for **external AC voltage measuring** on/between A,B,C / N
- Isolated jack sockets for **external AC frequency measuring** on/between A,B,C / N
- Isolated jack sockets for **external AC current measuring** on CT-A, CT-B, CT-C phases
- Specific **individual cable diagnose using enclosed current clamp** / current probe
- **Control light indication** of 400 Hz phase presence and rotation indicated
- **E & F circuit indication** control switch for pilot contact
- **Specifically designed, high quality units** for aviation ground power cable testing
- Used in **Civil and Military** applications worldwide; **MIL-SPEC equipment**
- Suitable for **400 Hz - 115 / 200 V** aircraft plugs and ground power cables
- **High reliability equipment** with two yeas full warranty including extension option
- **High component quality control** by manufacturer
- **High reliability** - effective standardization process
- Spare parts availability and **accurate on-time deliveries**
- **Short worldwide delivery period** with tracking feature & insurance
- **2 years full warranty with extension option** for all DEKAL load banks
- CE certification - health, safety, and environmental protection standards
- Made for GPU's testing procedure according to ISO 6858, DFS 400, ARP 5015
- Classification CE marking, DIN, VDE, IEC, IP 40 protection rate level
- Customs classification **Harmonized System tariff code HS: 9031800000**

