

## IT | Isolation Transformer - EMA



### COMPLIANCE:

- ICAO Annex 14, Vol I
- FAA AC 150/5345-47
- IEC: 61823
- EASA CS-ADR-DSN
- STANAG 3316



BOARDING TIME

### BOARDING PASS

NAME OF PASSANGER

FROM:

TO:

DATE                      FLIGHT  
                                 GAES2020

GATE                      SEAT  
23                          21B

GATE CLOSSES 30 MINUTES BEFORE DEPARTURE

GAES 454843121451100

GOMINTEC

BOARDING PASS

GOMINTEC



### Uses

Isolating transformers are intended to provide the energy to the visual aids systems from the serial circuits.

### Features



- The primary windings of all transformers are connected to a constant current regulator and the secondaries are connected to runway or taxiway lights. Thus the primary and secondary windings being separated, safety of the personnel is acquired.
- Operates without time limit in short circuit, open circuit and full load conditions.
- The plugs and receptacles enable easy connection.
- Transformers can be operate continuously at 10% over load.
- The Toroidal core made of low loss grain oriented laminations. Primary and secondary windings are made of double enamelled copper wire.
- Two single-core primary leads 0.60m, 1x6mm<sup>2</sup>, 5kV with factory moulded Style 2 Plug and Style 9 Receptacle.
- One two-core secondary lead 1.20m, 2x2.50mm<sup>2</sup>, 1kV with factory moulded Style 7 or Style 8 receptacle.
- Transformers are designed for continuous operation.
- Transformers are resistant to salty water, fuel, oil and ozone in ambient temperatures between -55°C and 65°C. Can directly be buried in soil.

**IT** | Isolation Transformer - EMA

**Technical Data**

W	Primary Current	Minimum Power Factor	Minimum Efficiency	Secondary Current (A)	Load (Ohm)	Max. Voltage At Open Circuit (V)
20/25	6.6A	0.95	85	6.53 - 6.67	0,69	20
45	6.6A	0.95	85	6.53 - 6.67	1,03	20
65	6.6A	0.95	85	6.53 - 6.67	1,49	30
100	6.6A	0.90	90	6.53 - 6.67	2,30	40
150	6.6A	0.90	90	6.53 - 6.67	3,44	60
200	6.6A	0.90	90	6.53 - 6.67	4,59	70
300	6.6A	0.90	90	6.53 - 6.67	6,89	<70

**Types**

