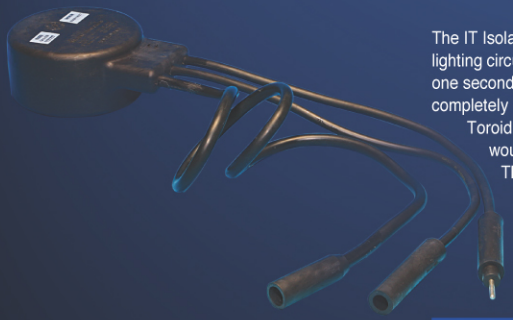
IT

ISOLATING TRANSFORMER

IT 1 : ISOLATING TRANFORMER
IT 2 : ISOLATING TRANSFORMER(with Earth)

Compliance with standards
IEC : 61823
FAA : AC 150/5345-47, L-830
K S : KS W 5111(Korean Standard)



The IT Isolating Transformers are designed to be used in series airfield lighting circuits. The transformers have two copper windings, one primary and one secondary, wound separately on a toroidal magnetic core circuit and completely insulated from each other.

Toroidal transformers are more accurate than traditional transformers wound on a conventional core.

This results in lower short circuit current, lower open circuit voltage and reduced size and weight.

Features

- Completely waterproof
- Encapsulated in thermoplastic rubber
- Resistant to oil, kerosene, aircraft fuel, acids and alkalis and other chemicals present on airfields
- Operating Temperature Range: -55°C to + 55°C
- Primary cable 600 mm long, cross section 8 mm^2 Thermoplastic rubber insulation and jacket
- Secondary cable 1200 mm long, cross section 2 wires of 3.5 mm^2 thermoplastic rubber insulation and jacket
- Primary Plug and Receptacle FAA L-823, Style 2
- Secondary Receptacle FAA L-823, Style 7
- Available with or without earthing connection

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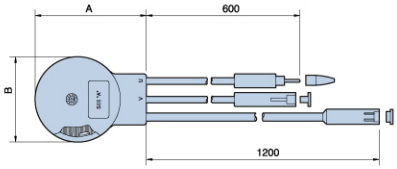
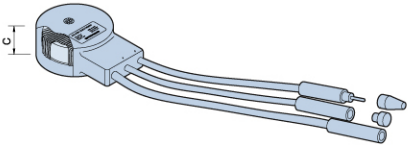
Drawing

Unit : mm





Dimension

Rating	A	B	C
45~60W	175	134	60
100~200W	192	147	76
300W	204	158	80

Ordering Information

Without Earthing IT

Type	Rating(W)	Pri. Amp(A)	Sec. Amp(A)	Freq(Hz)	Rating Volt(V)	Order Code
IT1-45-66	45	6.6	6.6	50/60	5,000	A420100
IT1-65-66	65	6.6	6.6	50/60	5,000	A420200
IT1-100-66	100	6.6	6.6	50/60	5,000	A420300
IT1-100-266	100	20.0	6.6	50/60	5,000	A420400
IT1-200-66	200	6.6	6.6	50/60	5,000	A420700
IT1-200-266	200	20.0	6.6	50/60	5,000	A420800
IT1-300-66	300	6.6	6.6	50/60	5,000	A420900
IT1-300-266	300	20.0	6.6	50/60	5,000	A421000

Earthing IT

Type	Rating(W)	Pri. Amp(A)	Sec. Amp(A)	Freq(Hz)	Rating Volt(V)	Order Code
IT2 - 45-66	45	6.6	6.6	50/60	5,000	A450100
IT2- 65-66	65	6.6	6.6	50/60	5,000	A450200
IT2- 100-66	100	6.6	6.6	50/60	5,000	A450300
IT2- 100-266	100	20.0	6.6	50/60	5,000	A450400
IT2- 200-66	200	6.6	6.6	50/60	5,000	A450700
IT2- 200-266	200	20.0	6.6	50/60	5,000	A450800
IT2- 300-66	300	6.6	6.6	50/60	5,000	A450900
IT2- 300-266	300	20.0	6.6	50/60	5,000	A451000

YOUYANG
AIRPORT LIGHTING EQUIPMENT INC.

Head Office
738-2, Kwanyang-Dong, Dongan-Ku,
Anyang City, Kyunggi-Do, Korea
Tel : 82-31-422-0021 Fax : 82-31-424-6044
http://www.youyang.co.kr E-mail: youyang@youyang.co.kr

※ Specifications and features in this catalogue are subject to change. FEB 1. 2005. SEOUL