

iLITE300T Zone 1, 2, 21 and 22 Transformer



Zone 1 & 2, 21 & 22 Transformer for iLITE300 Range

**350VA or 400VA
110V or 230v input
24v or 48v output**

**350VA
II 2GD Ex ed IIC T4 (Tamb -20° - +40°)
IP66 T135°C**

**400VA
II 2GD Ex ed IIC T4 (Tamb -20° - +30°)**

Overview

The iLITE300T is a Zone 1 & 2, 21 & 22 transformer for use with the iLITE300 range of luminaries.

The iLITE300T allows connection of combinations of iLITE300 luminaries up to the maximum current value for each plug or to the maximum power value of the transformer.

The enclosure is of high quality, constructed from 316L Stainless Steel, featuring a 1 piece polyurethane gasket, hinged doors that can be removed and captive fastening screws. Enclosure body fitted with M10 Brass internal / external earth stud, enclosure door fitted with a stainless steel M6 earth stud.

The enclosure is supplied as standard with 1 or 2 incoming cable entries and 2 or 4 output sockets dependant on configuration.

The iLITE300 Transformer is supplied with a skid, this provides additional mechanical protection for rugged environments, the skid also allows the transformer unit to be stored in an vertical orientation. (The unit must be orientated horizontally during operation)

Features and Benefits

Ex Rating

Power iLITE300 luminaries in hazardous areas.
Zone 1,2, 21 & 22
Gas Groups IIA IIB IIC

Rugged

Stainless Steel enclosure construction provides high levels of corrosion & chemical attack resistance.

IP66 ingress protection allows operation in damp or dusty environments.

The skid allows the unit to be relocated with reduced risk of damage.

Flexible

Multiple outlet sockets allows lights to be arranged in circuits.

Specification

Certification Number	SIRA 08 ATEX 3033X	
Certification Type	350VA II 2GD Ex ed IIC T4 (Tamb -20° - +40°) Tmax 135°	
	400VA II 2GD Ex ed IIC T4 (Tamb -20° - +30°) Tmax 135°	
Dimensions	201H x 260W x 470D (without skid) 285H x 235W x 262D (with skid)	
IP Rating	IP66	
Ambient Temperature	350VA Tamb -20° - +40°	
	400VA Tamb -20° - +30°	
Weight	20kg (without skid)	
Operating Humidity Range	0 - 90% RH Non Condensing	
Operating Voltage	Input	100-120v 50Hz 220-250v 50Hz 100-120v 60Hz 220-250v 60Hz
	Output	24v DC 48v DC
Maximum Power Output	iLITE300 lamps can be connected in any combination up to the maximum power output of 288W. Eg. 4 lamps 2x36W, 2 lamps 4x36W, 1 lamp 4x55W	
Material	Enclosure	Stainless Steel 316L
	Plugs	Polyamide

Ordering Information

iLITE300T Transformer Zone 1, 2, 21 & 22

iLITE300T

iLITE300T-[#1]-[#2]-[#3]-[#4]

Specify option [#1] - Input Voltage

110v
230v

2
1

Specify option [#2] - Frequency

50Hz
60Hz

5
6

Specify option [#3] - Outlet Options

4 x 16A socket outlets
2 x 16A socket outlets

00
01

Specify option [#4] - Inlet Options

2 x M20 clearance holes
1 x M20 clearance holes

00
01

Specify option [#5] - Output Options

48v
24v

24
48

Non Standard items

Input Glands with flying leads (specify free cable length, cable type (rubber, SY, SWA) and cable diameter)

For non standard variants of the above please contact Extronics to discuss your requirements.