



**FRATER**

**FRATER**  
*Ballast For*  
*Compact*  
*Fluorescent*  
*lamps*  
 FRCLD Series

## TECHNICAL DATA

### Description:

**Frater** Ballasts are suitable for Compact fluorescent lamps (Equivalent to Philips Type PLC or Osram Dulux D Type). The **Frater** ballast is based on European Design & Technology. The ballasts are suitable for 13W, 18W and 26W lamps.

### Features:

Open construction Ballast conforms to EN-60920 & EN-60921 standards.

- Low energy loss.
- High ballast factor for maximum light output.
- Noiseless operation.
- Low operating temperatures.
- Minimum temperature raise.
- Thermal rating of tw 130 °C.

### Characteristics:

Energy efficient **Frater** ballast use " Superior grade silicon steel" laminations, selected for well defined watt loss properties.

**Frater** ballasts incorporate Class H insulated material designed for temperatures up to 180 °C to ensure maximum ballast life.

To maximise the heat transfer, **Frater** ballast are vacuum pressure-impregnated with unsaturated polyester resin, which is drawn into the heart of the core and coil.

Through an automated process the air gap in the magnetic core coil assembly is carefully maintained leading to noiseless operation. The vacuum impregnation process draws the resin deep into the core, ensuring rapid heat dissipation.

The housing of connector block is made of Polyamide 66 which has flame-retardant properties. The 4 holes on the housing provides positive locking on the ballast.

**Options:** Available in Push type and Screw type connector blocks.

### Electrical Data :

Model	Lamp W	Current drawn in Ampere
FRCLD 26W	1x24TC-L	0.345
	1X26TC-D	0.325
FRCLD 18W	1x18TC-D	0.220
FRCLD 13W	1X13TC-D	0.175

(Data subject to change without notice)

الروستمانى تكنولوجىس ذمم  
 AL ROSTAMANI TECHNOLOGIES LLC

Manufacturers of Lighting & Accessories

P.O. Box 812, Dubai, UAE

Phone: + 9714 3471362

Fax: +9714 3471432

E-mail: artsales@al-rostamani.ae