



**FRATER**

**Frater**  
*Ballast*  
**FB Series**

**SCREW TYPE  
CONNECTOR**

## TECHNICAL DATA

### Description:

**Frater Ballasts** are suitable for T8 / T12 fluorescent lamps. The Frater ballast is based on European design & technology. Ballast are available in 20W/30W/40W, 50Hz/60Hz and 220V/230V/240V.

### 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 rise.
- 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 ballast incorporate Class H insulated material designed for temperatures up to 180 °C to ensure maximum ballast life.

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

The special **Screw type** connector block can be used for single-strand as well as mutistrand wires upto 6 sq.mm. 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. The nickel plated brass barrel and nickel steel screw ensure zero contact resistance & minimizes heat.

### Electrical Data :

Wattage (W)	Voltage (V)	Current (mA)
20W	220/230/240	370
30W	220/230/240	365
40W	220/230/240	430

(Data subject to change without notice)

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