

# Product Information FRIGO FS 6

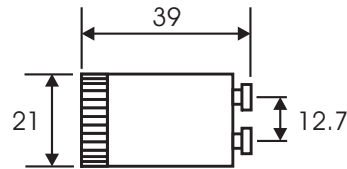
## Electronic starter for low ambient starting of 4-125W linear fluorescent lamp circuits.

The soft start system utilised in the FRIGO FS 6 electronic starter first pre-heats the lamp cathodes to working temperature, before applying a controlled voltage pulse to strike the arc. This method of ignition prevents cathode damage and significantly lengthens lamp life. Additionally, a safety monitoring system shuts down the system in the event of a fault and prevents dangerous overheating and the annoying flashing associated with glow type starters. Refined circuit methods allow us to provide a 10 year no quibble guarantee for this product which has a proven design life exceeding 20 years.

Housed in a two-pin canister with dimensions in accordance to IEC155, for the direct replacement of glow starters without circuit modification.

### Dimensions & materials :

Canister:	Polycarbonate, translucent blue
Printing:	Gold
Base:	Polycarbonate
Pins:	Nickel plated brass



All dimensions in millimetres

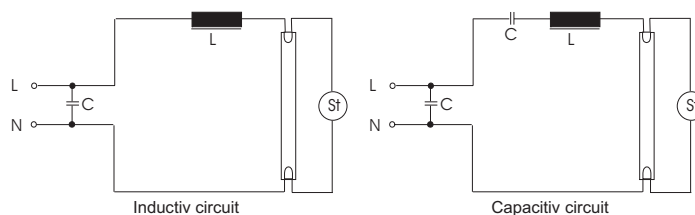
### Technical Data :

Operating voltage :	200 - 250 V AC 50/60 Hz
Preheat time :	2.5 seconds nominal @ 20°C
Pulse height :	1500 V maximum
Safety shutdown :	Within 3.5 seconds @ 20°C
Lamp types :	4-125W Linear T5/T8/T12 (not 100W 2.400mm) 10-38W 2D (TC-D) 11W PLS (TC) 10-26W PLC (TC-D) 18-38W PLL (TC-L) 20-60W Circular- and U-Tube (T-R, T-U) -find more details and actual lamp list under <a href="http://www.palmstep.com">www.palmstep.com</a>
Operating temperature :	- 40 to + 100°C*
Storage temperature :	- 50 to + 105°C*

### Approvals:



**Note :** This product is tested to start 18 -65W linear and 18-36W PLL lamps using IEC compliant ballasts operating on a supply voltage within 6% of rated voltage at temperatures down to -50°C.



**\*To avoid that the Electrolyte-capacitors in our starters dry out the storage time should not exceed 4 months. Furthermore we recommend a regular switch on/off of the starters, as very low switching cycles (less than once per day) may cause malfunction or total fail out. For these application with low switching frequency or high ambient temperature above +70°C we offer a special version (suffix-T). The guarantee of 10 years refers to operation of the starter in ambient temperature of +40°C and respecting the above mentioned instructions.**