



## T and F controllers

T and F two digital controlled functions:

The Start SCR engages the start capacitor when the manufactured phase voltage is below the ON threshold and disengages again when it is above the OFF threshold.

Start time-out protects the SCR.

Two (T) or three (F) Run SCRs engages a group of binary weighted run capacitors when the manufactured phase voltage is below the MIN threshold and turns off again when above the MAX threshold.

Supply and output voltages are 230V, 400V or 460V.

Thresholds are relative to the supply voltage.

Switching is performed at zero volt differences.

Throughput

8kW  
16kW  
24kW  
32kW  
40kW  
48kW  
64kW  
100kW

Correction speed: 16msec (60Hz) or 20msec (50Hz)

ON threshold Start: - 16%

OFF threshold Start: - 8%

MIN threshold Run: - 4% in T and - 3% in F

MAX threshold Run: + 4% in T and + 3% in F

Options:

Customized thresholds

Trim pot selectable thresholds

Converter schematic and component values supplied with controllers

