

The TI range of Intelligent Load Transfer Panels operate in conjunction with our autostart generating set control panels and incorporate the latest state of the art control technology.

The panels contain all the control logic to automatically switch the load between the mains supply and the generating set. Only a 2 wire control inter-connection to the generating set control panel is necessary.

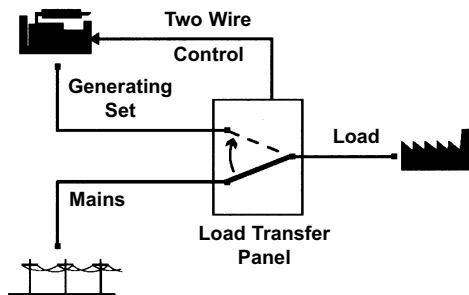
For ease of access the Printed Circuit Board (P.C.B.) is mounted on a hinged lockable access door. The P.C.B. will operate with any 3 phase voltage from 190 to 480 volts (50 or 60 Hz) and can easily be converted for single phase operation.

The connections to the control P.C.B. are by a multi-pin plug and socket. A door mounted Maintenance Control Keyswitch is included as a standard feature so the P.C.B. can easily be removed for maintenance purposes without disrupting the power supply to the load.

The panels are wall mounting and are painted with polyester powder to ensure a high degree of scuff resistance and durability.

For information on intelligent load transfer panels above 125 Amps, refer to the STI brochure. For information on intelligent load transfer panels above 1600 Amps, consult the factory.

Load Transfer panel pictured may include optional accessories.



TI Series



Load Transfer Panel

Standard Features

▶ Contactors

Two 4 Pole Mechanically and Electrically Interlocked Load Transfer Contactors up to 125 Amp

▶ Status Indication

Mains Available
Mains On Load
Generator Available
Generator on Load

▶ Fascia

Multi Language Mimic Fascia
Voltage Range - 190 to 480 volts
Frequency - 50 or 60 Hz

▶ Controls

Mode Selector Switch: Test with Load / Auto / Test Without Load

Mains Voltage Sensing Relays (50 - 280V AC)

Delay On Start Timer (minimum 1 sec; maximum 60 sec. Factory setting 6 sec.)

Generator Voltage Sensing Relays (50 - 280V AC)

Delay On Transfer Timer (minimum 1 sec; maximum 60 sec. Factory setting 6 sec.)

Delay on Retransfer Timer (minimum 2 min. 40 sec; maximum 28 min. Factory setting 2 min. 40 sec)

Cool Down Timer (minimum 3 sec; maximum 8 min. Factory setting 45 sec.)

Maintenance Control Keyswitch

Lamp Test Pushbutton

Optional Features

▶ **TICT** Top Cable Entry

▶ **TST1** Manual/Auto Retransfer Circuit

▶ **TAZ1** Interface Status Indication to Generating Set Control Panel

▶ **TIA1** Interface Status Indication to Remote Annunciator (volt free)

▶ **MBP** Manual Mains to Load Bypass Switch (doubles cabinet size)

Wall Mounting Panel Dimensions

Model	Rating	A: mm (in)	B: mm (in)	C: mm (in)	Weight: kgs (lbs)
TI 70	70 Amps	360 (14.2)	720 (28.3)	300 (11.8)	21 (46.2)
TI 100	100 Amps	360 (14.2)	720 (28.3)	300 (11.8)	23 (50.7)
TI 125	125 Amps	360 (14.2)	720 (28.3)	300 (11.8)	25 (55.1)

Note: All Ratings AC1, AC3 available on request

