

## TI Range LOAD TRANSFER PANEL



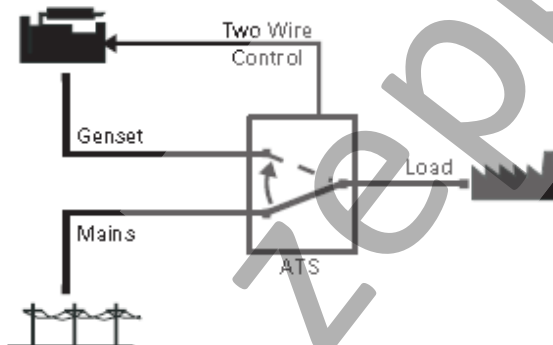
Image Shown may not Reflect Actual Package

The Olympian TI range of Load Transfer Panels, incorporating the latest state of the art control technology, operate in conjunction with our auto start generator set control panels to provide a fully automatic mains failure control system, starting the generator set and transferring the load from mains to it in the event of a mains failure and, on restoration of the mains supply, retransferring the load and stopping the generator set.

The monitoring, timing and logic control circuitry is mounted on a Printed Circuit Board (P.C.B.) and only a 2 wire control interconnection to the generator set is necessary.

For ease of access the 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 Key Switch is included as a standard feature so the P.C.B. can easily be removed for maintenance purposes without disrupting the mains power supply to the load.



## STANDARD FEATURES

### 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.) – Prevents the generator set starting on momentary mains interruptions or during transient mains voltage excursions
- Generator voltage sensing relays (50-280V AC)
- Delay on transfer timer (minimum 1 sec., maximum 60 sec. Factory setting 6 sec.) – Allows the generator set to stabilize before transfer of the load to it from the failed or out of limits mains supply
- Delay on retransfer timer (minimum 2 min. 40 sec., maximum 28 min. Factory setting 2 min. 40 sec.) – Keeps the load on the generator set until the restored mains supply stabilizes
- Cool down timer (minimum 3 sec., maximum 8 min. 15 sec. Factory setting 45 sec.) – Allows the engine to run at no load after retransfer of the load to the restored mains supply

- Maintenance control key switch
- Lamp test push button

### STATUS INDICATION

- Mains available
- Mains on load
- Generator available
- Generator on load

### MOTORIZED AIR CIRCUIT BREAKERS (ACB)

- Two motorized air circuit breakers

### FASCIA

- Multi language mimic fascia

### OPTIONAL FEATURES

#### TICT

- Top cable entry

#### TST1

- Manual/auto retransfer circuit

#### TIA1

- Status indication interface to remote annunciator (volt free)

**FLOOR STANDING**

TI are of the floor standing type, of modular construction designed for bottom cable entry. They consist of a robust screw together steel frame with exterior cladding plates, contactor mounting chassis and gland plate. All are painted with polyester powder to ensure a high degree of scuff resistance and durability.

The construction provides all round access for cabling, and also permits the TI to be completely dismantled and re-assembled on site in the case of difficult access.

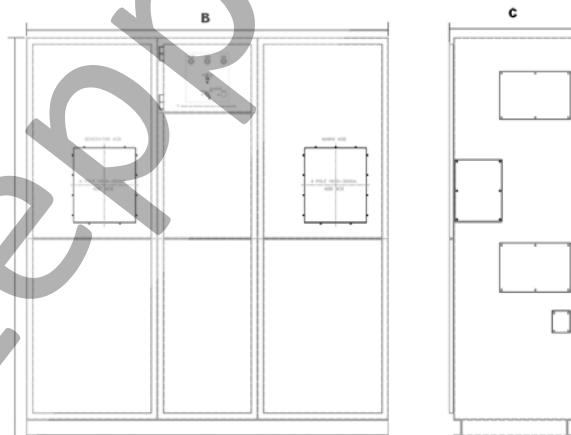
This brochure refers only to load transfer panels up to 3200 amps.

**TI DIMENSIONS**

**FLOOR STANDING**

Model	Rating Amps	A mm	B mm	C mm	Weight kg
TI2500	2500	1980	1800	600	750
TI3200	3200	1980	1800	600	815

Note: Above weights are approximate



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