

designed to deliver more



Load Transfer Panels

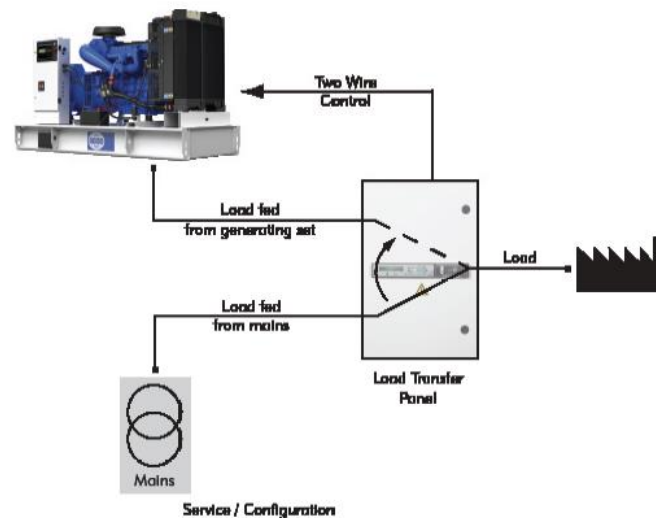
CTI Range: 63 – 160 Amps

ATI Range: 250 – 3200 Amps



Load Transfer Panels

- Providing automatic control of your standby generating set in the event of a power outage, 24 hours a day, 365 days a year
- Seamless integration with FG Wilson digital control panels



Ratings

CTI 63-160 Amps – ATI 250-3200 Amps



Model	Rating	Height mm (in)	Width mm (in)	Depth mm (in)	Weight kg (lb)
CTI 63	63 A	600 (23.6)	400 (15.7)	200 (7.9)	19 (41.8)
CTI 100	100 A	600 (23.6)	400 (15.7)	200 (7.9)	19 (41.8)
CTI 125	125 A	600 (23.6)	400 (15.7)	200 (7.9)	19 (41.8)
CTI 160	160 A	600 (23.6)	400 (15.7)	200 (7.9)	19 (41.8)
ATI 250	250 A	900 (35.4)	600 (23.6)	323 (12.7)	39 (86.0)
ATI 400	400 A	900 (35.4)	600 (23.6)	323 (12.7)	44 (97.0)
ATI 630*	630 A	1100 (43.3) ⁺	600 (23.6)	398 (15.7)	66 (145.5)
ATI 800*	800 A	1375 (54.1)	775 (30.5)	600 (23.6)	125 (275.6)
ATI 1000*	1000 A	1375 (54.1)	775 (30.5)	600 (23.6)	130 (286.6)
ATI 1250*	1250 A	1800 (70.8)	1005 (39.6)	775 (30.5)	230 (507.1)
ATI 1600*	1600 A	1800 (70.8)	1005 (39.6)	775 (30.5)	330 (727.7)
ATI 2000*	2000 A	2200 (86.6)	1000 (39.4)	1000 (39.4)	400 (881.8)
ATI 2500*	2500 A	2200 (86.6)	1000 (39.4)	1000 (39.4)	400 (881.8)
ATI 3200*	3200 A	2200 (86.6)	1000 (39.4)	1000 (39.4)	400 (881.8)

*Floor Standing +Height from top cable entry model will change to 1350mm (53.1in)



Why Buy?

- Fully automatic mains failure sensing and generator set start signal
- Pre-programmed enabling the panel to run on installation with the ability to customise if necessary
- Fast acting switches reduce transfer times between set and utility power
- Available from 63 – 3200A
- Seamless integration with FG Wilson digital control Panels
- Automatic and manual operation
- Automatically provides generator set start signal upon detection of mains failure, overvoltage or loss of phase
- Automatic mains re-transfer function
- Flexible, upgradeable options
- Test operations and sequences accessible from panel or remotely
- Manual switch operation possible via external handle
- LED functions display showing generator set / mains availability and switch position
- LCD display for voltage and timers
- Load transfer panel range meets ATS IEC 60947-6-1 standard



CTI Standard Product Features

Auto/Manual/Test Mode Status Indication

Allows on/off load tests at routine service checks.



LCD Display

Shows detailed status of system at all times for greater awareness and control.



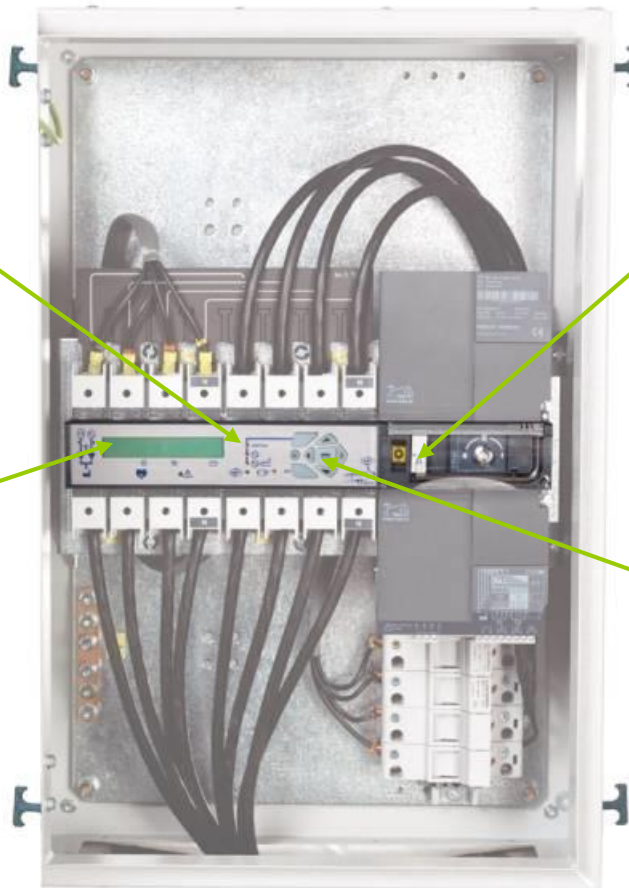
Padlockable

Switch can be padlocked in three positions for added security and safety. Only possible in manual operation mode.

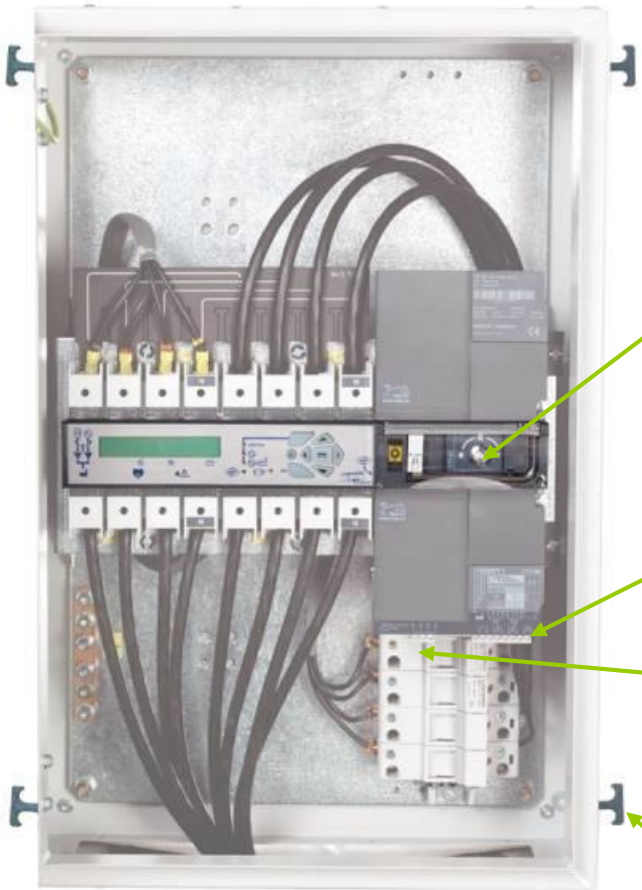


Keypad

For straightforward programming and testing. Password protection is included.



CTI Standard Product Features



Manual Handle

Fully integrated handle for manual operation.



Control Terminals

Generating set remote start signal and terminals for remotely monitoring the system.



Auxiliary Controls

Auxiliary inputs for automatic control, remote test on load and manual re-transfer.



Wall Mounting

Panel can be wall mounted for greater flexibility in positioning.

CTI Standard and Optional Features



Ratings: 63 – 160 Amps



CTI Standard Product Features

Top and Bottom Cable Entry

Improving ease of installation.



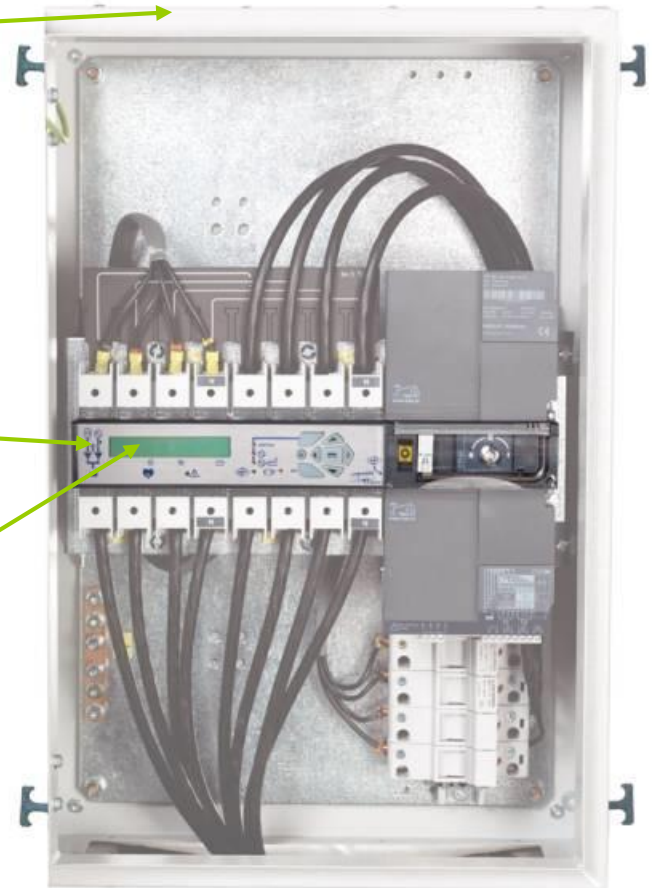
System Status Indicators

Shows status of utility power, generating set and switch at all times.



Programmable Countdown Timers

Set routine times for delay on starts, delay on transfer, delay on re-transfer and run on timer.



CTI Optional Product Features

Voltage Sensing Tap

Allows for pole voltage sensing.



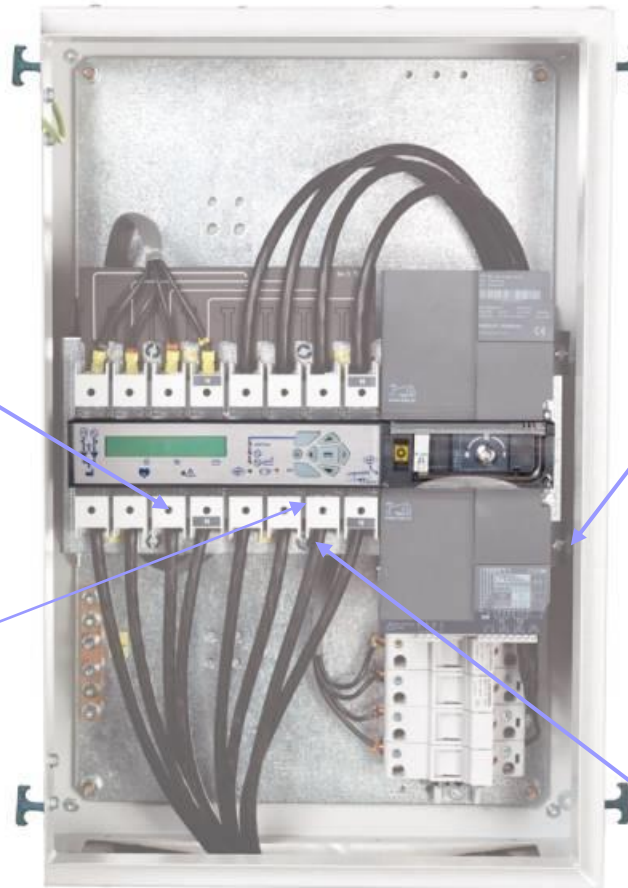
Auxiliary Contacts

Auxiliary / volt free contacts for remotely monitoring the switch position.



Solid Neutral Kit

Allows the connection of neutral cables from utility power, generating set and load without having the neutral broken by the switch during transfer operations.



Terminal Shroud

For added protection.

CTI Optional Product Features

Ingress Protection IP54

Protection for the control panel.



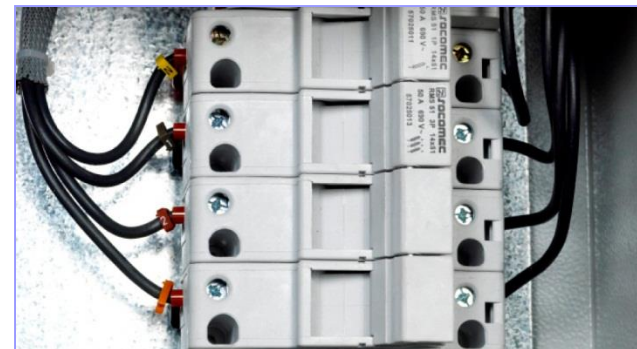
Load Terminal Extension

Improving ease of installation



Lightning Protection

Ensures the safety of system during lightning storms (includes volts free contacts for utility power and generating set).



ATI Standard and Optional Features



Ratings:
250 – 3200 Amps



ATI Standard Product Features



Two Wire Start Signal

Simple two wire connection for automatic control.

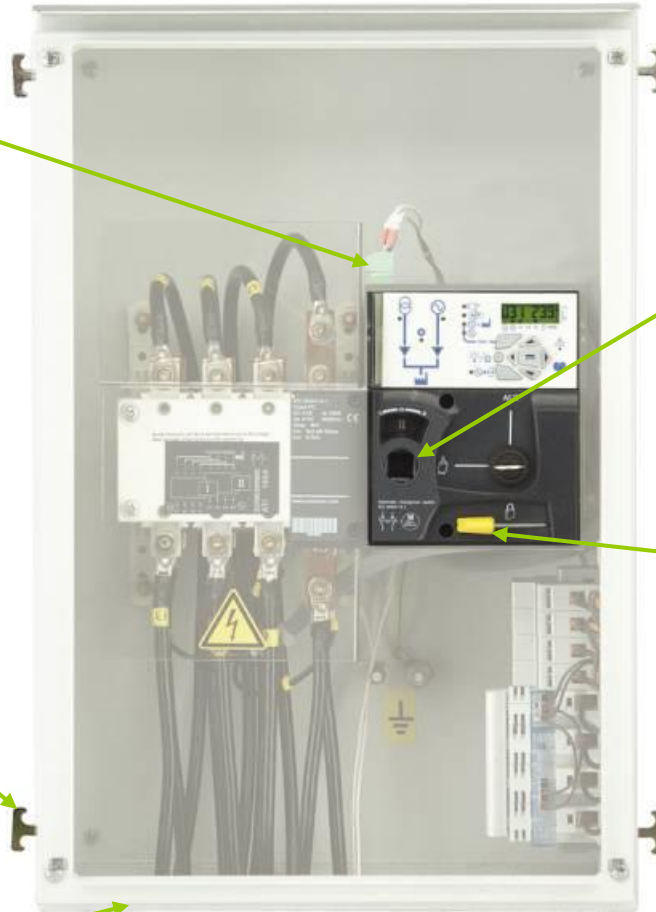


Wall Mounting Kit

Panel can be wall mounted for greater flexibility in positioning. (ATI 250 and 400 only)

Bottom Gland Plate

Removable gland plate providing increased accessibility with a sizeable area for utility power and generating set cables to be connected.



Manual Handle

Fully integrated handle for manual operation.

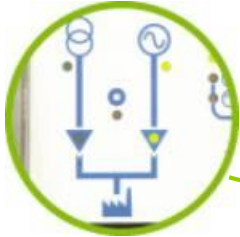


Padlockable

Switch can be padlocked in all three positions for added security and safety.

Image is for illustration purposes only

ATI Standard Product Features



System Status Indication

Shows status of utility power, generating set and switch at all times.



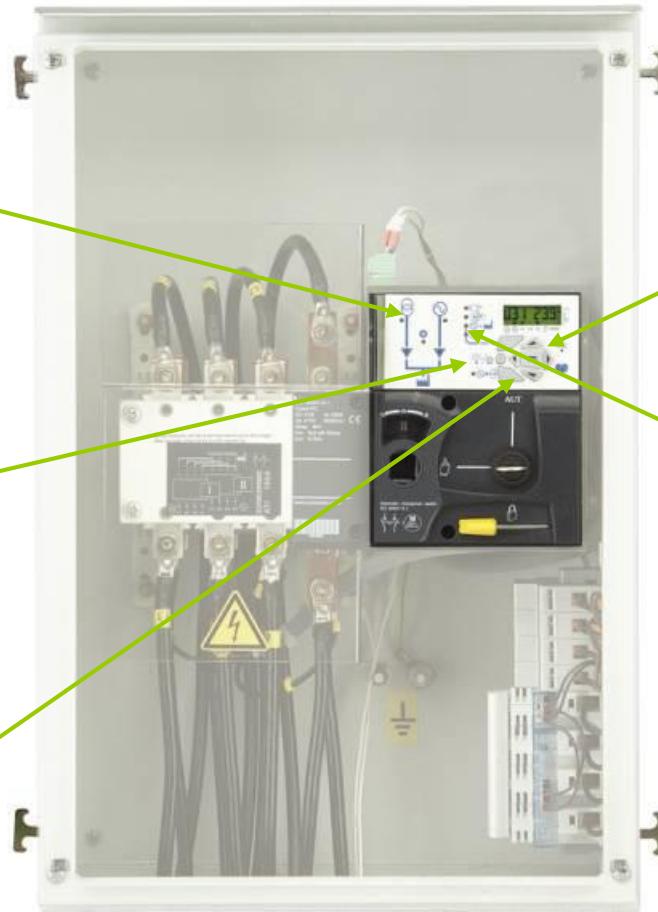
LCD Display

Shows detailed status of system at all times for greater awareness and control.



Programmable Countdown Timers

Set routine times for delay on starts, delay on transfer, delay on re-transfer and run on timer.



Keypad

For straightforward programming and testing. Password protection is included.



Auto/Manual/Test Mode Status Indication

Allows on/off load tests at routine service checks.

ATI Optional Product Features

RS485 Communications Module

Enables access to the system remotely through telephone or PC via modem.



Volt Free Contacts
For power available and generator available

Solid neutral+

Allows the connection of neutral cables from utility power, generating set and load without having the neutral broken by the switch during transfer operations.



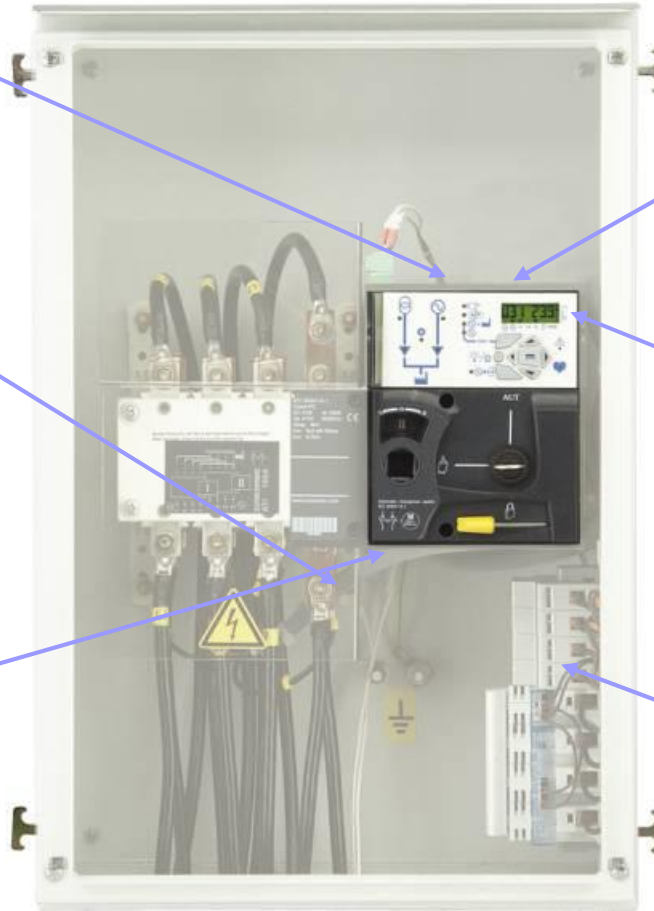
Power Metering+
To measure load current, kW, kVAR, kVA, power factor.

Auxiliary Contacts*

Auxiliary / volt free contacts for remotely monitoring system: switch position, padlock and automatic or manual operation.



Lightning Protection
Ensures the safety of system during lightning storms (includes volts free contacts for utility power and generating set).



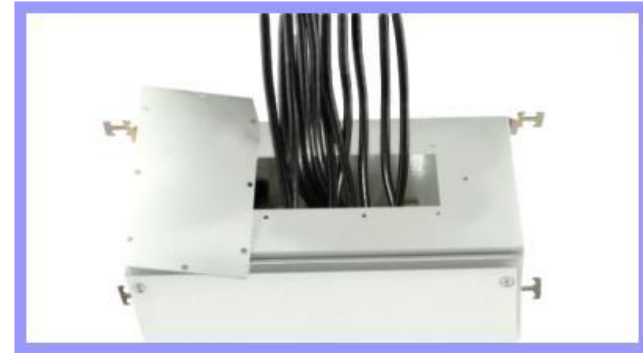
* Standard on 2000-3200A
+ Not available on 2000-3200A

ATI Optional Product Features



Top Cable Entry+

Improving ease of Installation.



Ingress Protection IP54*

Protection for the control panel.



* Standard on 2000-3200A
+ Not available on 2000-3200A

Summary

- Fully automatic mains failure sensing and generator set start signal
- Seamless integration with FG Wilson digital control Panels
- The Load Transfer Panel range offers electronically controlled response to power outages
- ATI and CTI are flexible products with a range of optional features

