PowerCommand
Transfer Switch
Cummins
Source 1
Source 2
Connected
Available
Not In Auto
Test/Exercise Active
Test
Override
Reset/
Lamp Test
Home
Previous
Menu
Bypass Source
Select
Normal
Emergency
Bypass To Normal Source (Source 1)
Normal power must be available.
Bypass To Emergency Source (Source 2)
Emergency power must be available.
Testing The Automatic Transfer Switch
Without Load Interruption
Isolate Automatic Transfer Switch
Connect Automatic Transfer Switch
Drawout
Release
Drawout
Position
Connected
Lock
Bypass to
Normal
Open
Drawout
Open
Bypass to
Emergency
AVERTISSEMENT
WARNING
DANGER
WARNING
ATTENTION
PowerCommand
power.cummins.com

PowerCommand
Transfer Switch
Source 1
Source 2
Connected
Available
Cummins

P6-1

FEED FOR P6-1
ON
TRIPPED
RESET
60A
OFF
DANGER
DANGER
MAIN
PRINCIPAL

MAIN
PRINCIPAL
WARNING
ADVERTENCIA
AVERTISSEMENT
DANGER / PELIGRO / DANGER

SILVERBLOX INCH-MARK GUIDELINE

PowerCommand®
Transfer Switch
Cummins
Source 1
Source 2
Connected
Available
Not In Auto
Test/Exercise Active
Test
Override
Reset/
Lamp Test
Home
Previous
Menu
Bypass Source
Select
Normal
Emergency
Bypass To Normal Source (Source 1)
Normal power must be available.
1. Turn the Bypass Source Select switch to the Normal position and hold.
2. Move the bypass handle up to the Bypass to Normal position. This operation will cause a brief power interruption if the ATS is closed to the Emergency source. The word "Closed" will appear in the Bypass to Normal indicator slot.
3. Release the Bypass Source Select switch.
Bypass To Emergency Source (Source 2)
Emergency power must be available.
1. Turn the Bypass Source Select switch to the Emergency position and hold.
2. Move the bypass handle down to the Bypass to Emergency position. This operation will cause a brief power interruption if the ATS is closed to the Normal Source. The word "Closed" will appear in the Bypass to Emergency indicator slot.
3. Release the Bypass Source Select switch.
Testing The Automatic Transfer Switch
Without Load Interruption
1. Bypass to the Normal source as described above.
2. Extend the drawout cranking handle from its stored position.
3. Lift the Drawout Lock and turn the cranking handle counterclockwise three turns and release the Drawout Lock. Continue to turn the cranking handle until the Drawout Lock drops, locking the cranking handle. The word "Test" will appear in the Drawout Position indicator slot.
4. Return the cranking handle to the stored position.
5. If equipped, the Panel Lock/Program switch must be set to program. Press and hold the front panel test button. The test/exercise LED will blink and stay on. Release the test button. The genset will start and the ATS will transfer to the Emergency position if the control is set for test with load. Note that the load remains connected to the Normal source through the Bypass Switch.
6. At the end of the test, press the front panel test button. The test/exercise LED will blink and stay on. The ATS will return to the normal position and the genset will stop after the appropriate time delays. To override the long retransfer time delay, press the override button.
7. Extend the drawout cranking handle from its stored position.
8. Lift the Drawout Lock and turn the cranking handle clockwise three turns and release the Drawout Lock. Continue turning the cranking handle until the Drawout Lock drops, locking the cranking handle. The word "Connected" will appear in the Drawout Position window.
9. Return the cranking handle to its stored position.
10. Return the Bypass Switch Handle to the center position.
Isolate Automatic Transfer Switch
1. Bypass the ATS using one of the Bypass procedures described above.
2. Extend the drawout cranking handle from its stored position.
3. Lift the Drawout Lock and turn the cranking handle counter-clockwise. Release the Drawout Lock after the ATS travels past the Test position. Continue to turn the cranking handle until it stops. The word "Isolated" will appear in the Drawout Position indicator slot.
4. Return the cranking handle to its stored position.
Connect Automatic Transfer Switch
Make sure the ATS is on the rails and pushed all the way into the frame.
1. Lift the rail extensions and close the cabinet door.
2. Bypass the ATS using one of the procedures described above.
3. Extend the drawout cranking handle from its stored position.
4. Lift the Drawout Lock and turn the cranking handle clockwise. Release the Drawout Lock after the ATS travels past the TEST position. Continue to turn the cranking handle until the Drawout Lock drops, locking the cranking handle. The word "Connected" will appear in the Drawout Position indicator slot.
5. Return the handle to its stored position.
6. Return the Bypass Switch Handle to the center position.
Drawout
Release
Drawout
Position
Connected
Lock
Bypass to
Normal
Open
Drawout
Open
Bypass to
Emergency
AVERTISSEMENT
WARNING
DANGER
WARNING
ATTENTION
power.cummins.com

ATS
120/208V, 3PH, 4W, 225A
FED FROM
MDP/GENERATOR
1-ATS-239
PowerCommand®
Transfer Switch
Source 1
Source 2
Connected
Available
Control operation could be delayed by external source.
Not In Auto
Test/Exercise Active
Test
Hold 2 Sec.
Override
Reset/
Lamp Test
Home
Previous
Menu
Bypass Source
Select
Normal
Emergency
Bypass To Normal Source (Source 1)
Normal power must be available.
1. Turn the Bypass Source Select switch to the Normal position and hold.
2. Move the bypass handle up to the Bypass to Normal position. This operation will cause a brief power interruption if the ATS is closed to the Emergency source. The word "Closed" will appear in the Bypass to Normal indicator slot.
3. Release the Bypass Source Select switch.
Bypass To Emergency Source (Source 2)
Emergency power must be available.
1. Turn the Bypass Source Select switch to the Emergency position and hold.
2. Move the bypass handle down to the Bypass to Emergency position. This operation will cause a brief power interruption if the ATS is closed to the Normal Source. The word "Closed" will appear in the Bypass to Emergency indicator slot.
3. Release the Bypass Source Select switch.

PNL-13
120/208V, 3PH, 4W, 225A
FED FROM ATS

FEED FOR P6-1
ON
50A
OFF
TRIPPED
RESET
DANGER
OF
ELECTRICAL
INJURY
DANGER
DE BLESSURES
D'ORIGINE
ÉLECTRIQUE.

MDP"1SWG-2"
120/208V, 3PH, 4W, 600A
FED FROM SUBSTATION B