

ASCO Bypass-Isolation Automatic Transfer Switches are available in open transition, closed transition, and delayed transition designs. The bypass-isolation features allow the primary automatic transfer switch to be inspected, tested, and maintained without interrupting power to the load. They also provide redundant power transfer if the ATS is disabled or removed from service.



J-Frame  
150-600 amps



H-Frame  
600-1200 amps



G-Frame  
1000-3000 amps

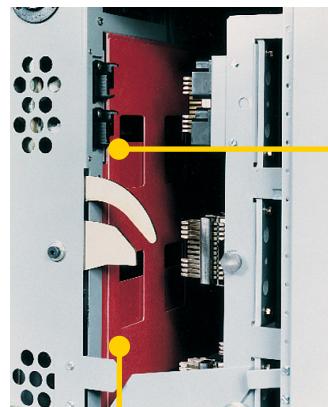


G-Frame  
4000 amps

- Available 150 to 4000 amps
- Bypass switch and transfer switch have identical electrical ratings
- Mechanical interlocks prevent unintended operation
- Bypass contacts carry current only during bypass operation
- Draw-out design eases transfer switch maintenance
- The bypass switch has dead-front quick-make, quick-break operation for transferring loads between live sources
- Bypass switch is rated for use as a 3-position manual transfer switch
- Bypass and isolation functions are simple, requiring only two operating handles
- Bypass-Isolation Handles are permanently mounted
- No toggle switches, push buttons, selector switches, or levers are required for bypass-isolation operation
- Mechanical indicators show bypass and transfer switch positions
- 800 to 1200 amp models available in shallow depth, front-connected, or rear-connected designs

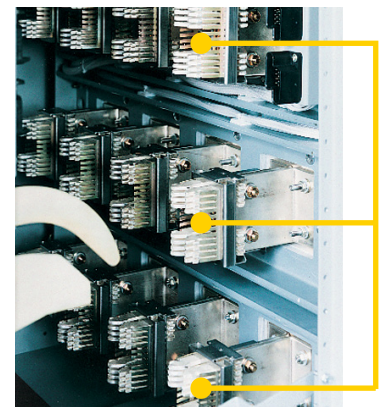
### Transfer Switch Draw-out Features

- Automatic secondary disconnects remove control power as switch is withdrawn
- Draw-out carriage eases switch mechanism maintenance and removal via commercially available breaker hoists
- Optional transfer switch lifting yoke kit
- Optional automatic shutters isolate bus when the transfer switch is withdrawn, 1600-3000 Amp only



Automatic Secondary Disconnects

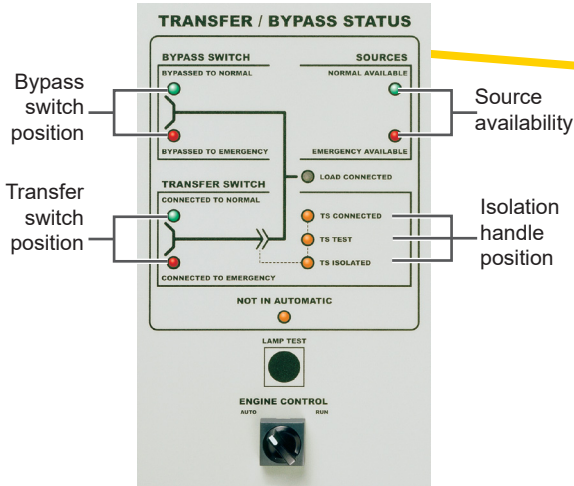
Optional Automatic Shutters  
(1600-3000 amps)



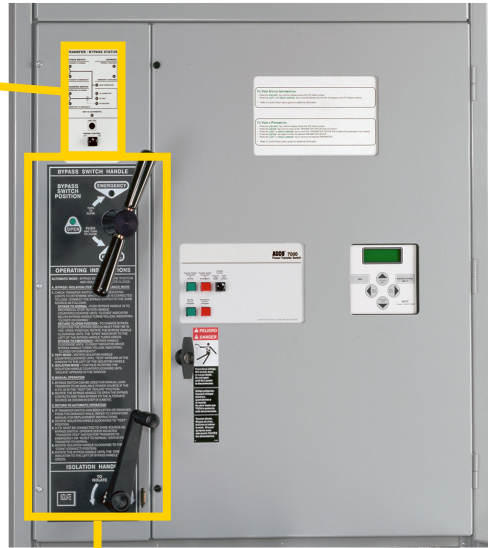
Self-Aligning Jaws

# ASCO 7000 SERIES Bypass-Isolation Transfer Switches

## Transfer / Bypass Status Panel



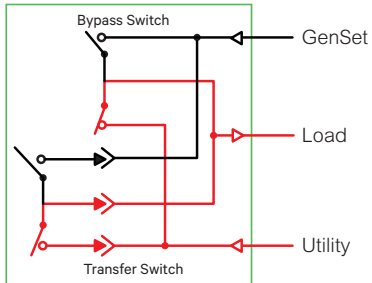
Instantly see the status of power availability and switch positions.



## Bypass and Isolation - Simple as 1, 2, 3

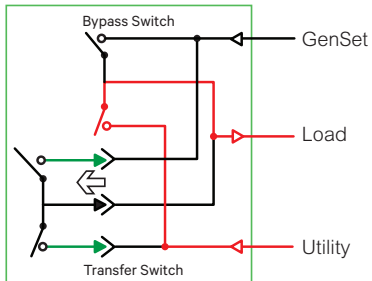
### 1 Bypass

Push in the transfer switch bypass handle and turn it counter clockwise



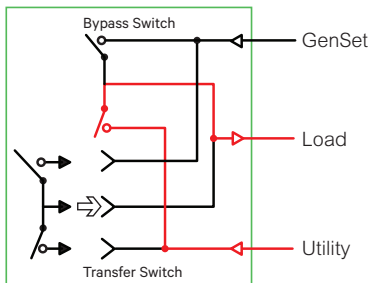
### 2 Set in Test Position

Turn isolation handle counter clockwise until window shows "Test"



### 3 Isolation Position

Turn isolation handle counter clockwise until window shows "isolate"



## Power Knowledge

Application and Design Factors for Automatic Transfer and Bypass-Isolation Switches

[Part 1](#)

[Part 2](#)

[3D Bypass Switch Animation](#)