

ASCO Series 165 Residential/ Light Commercial Automatic Transfer Switches.

Time Delays

- 3-second time delay to override momentary utility source.
- 15-second transfer to emergency time delay to allow engine generator to stabilize after starting.
- 15-second time delay after transfer to the standby source to ignore momentary voltage dips on the generator during initial loading.
- 5-minute time delay on retransfer to allow utility source to stabilize prior to transferring the load back to utility.
- 1-minute unloading running time delay for engine generator cool-down before shutdown.

External Power Connections

Switch Rating (amps)	Wire Size Range
100	(1) #8 to 3/0 AWG
200*	(1) #8 to 3/0 AWG

* UL listed for 200 amps with copper conductors only.

All Series 165 switches are furnished with a neutral bar and lugs to accommodate cable sizes shown above.

Product Features

- Nominal voltage 120/240 V 60 Hz, single phase.
- Listed to UL 1008 for total system loads (motors and all other electrical loads).
- Meets National Electrical Code (NEC) and National Fire Protection Association (NFPA) requirements.
- True double-throw contacts (no intentional off position), with inherent mechanical interlocking to prevent connection of generator and utility source.
- Convenient terminals to connect neutral and ground conductors from service and load feeders.
- Available in Type 1 (indoor) and Type 3R (outdoor) enclosures.
- Manually-operated Series 165 Transfer Switches are also available. See back cover.
- Available from stock.

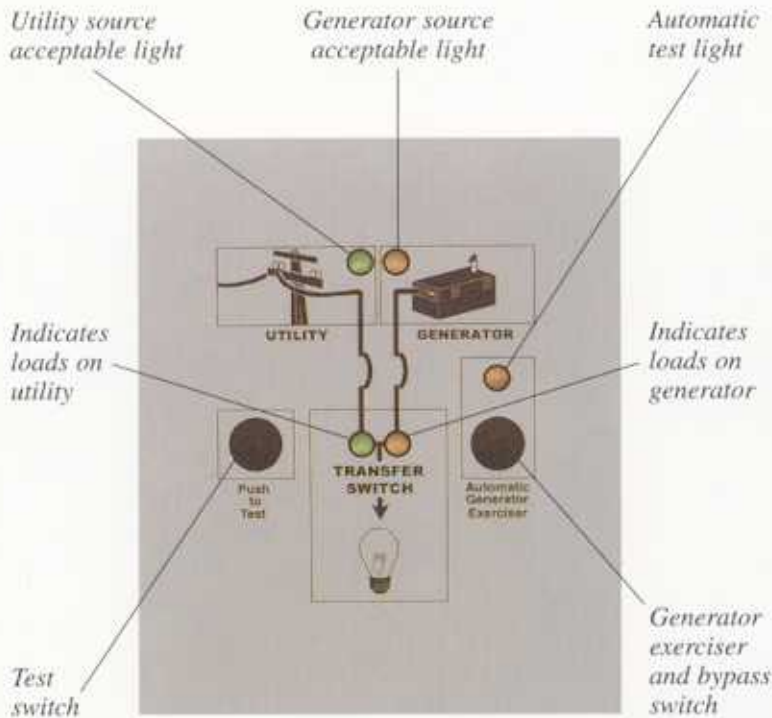
Diagnostic Indicators

The 165 Automatic Transfer Switch has a unique built-in automatic digital diagnostic monitoring system, which provides status on potential system problems such as: generator failed to start; generator over frequency; transfer switch did not transfer; and more. It's one more way you can count on ASCO to provide continuous power protection...anytime.

Withstand and Close-On Ratings

Switch Rating (amps)	When Used With Current Limiting Fuses	When Used With Circuit Breakers
100	200,000	10,000
200	200,000	10,000

Peace of



Control Panel

User-friendly control panel with easy to understand symbols and all the necessary visual indicators to inform the operator of transfer switch and power source status.

Series 165 Automatic Transfer Switch



Ordering Information

To order an ASCO Series 165 Transfer Switch, refer to the catalog numbers below.

Automatic Transfer Switch Dimensions and Weights

Automatic Transfer Switch

Catalog Number	Enclosure	Ampere
165A2100F3C	Type 1 Indoor	100
165A2200F3C	Type 1 Indoor	200
165A2100F3F	Type 3R Outdoor	100
165A2200F3F	Type 3R Outdoor	200

Switch Rating	Enclosure	Poles	Width	Height	Depth	Weight
			inches (mm)	inches (mm)	inches (mm)	lb (kg)
100	Type 1 Indoor	2	14.25 (362)	24 (610)	8 (203)	67 (31)
200	Type 1 Indoor	2	14.25 (362)	24 (610)	8 (203)	67 (31)
100	Type 3R Outdoor	2	14.75 (375)	25 (635)	8.5 (216)	82 (37)
200	Type 3R Outdoor	2	14.75 (375)	25 (635)	8.5 (216)	82 (37)

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