Winco ASCO 185 Automatic Transfer Switch For Winco Generators - 230AMP 1-PH 2W NEMA 1



Model Number: ASCO-185-230A

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Manufacturer: Winco Generators

Winco ASCO 185 Automatic Transfer Switch For Winco Generators

ASCO Series 185 Power Transfer Switches provide all the intelligence your generator needs to make sure the power stays on when utility power fails. Sensing the loss of utility power and signaling the generator to start and restore power to your home or business – even if no one is home. When utility power has been restored, the Series 185 Power Transfer Switch automatically transfers your vital loads back to the utility and shuts the generator down. FEATURES

• User-friendly control interface with easy to understand symbols and visual indicators to inform operator of transfer switch and power source status.
• Listed to UL 1008 for optional standby systems, handling total system load including motors and all other electrical loads.
• cUL Listed for Canadian installations.
• Meets Article 702, NFPA-70 National Electric Code (NEC) requirements.
• Nominal service voltage 240V 50/60Hz, single phase, 3 wire AC systems.
• True double-throw contacts with inherent mechanical interlocking to prevent connection of generator and utility sources.
• Terminals for convenient connection of neutral and ground conductors.
• Suitable for controlling standby generators with 2-wire automatic starting circuits
• Available in NEMA Type 1 Indoor (steel) and Type 3R Outdoor (aluminum) enclosures, with hinged door designs.
• Textured RAL 7035 light beige color aesthetically suitable for residential applications.

CONTROL FEATURES

Push Buttons

On the front control display are three push buttons that control the operation of the generator and the ATS:

• Transfer Test: Use this button to test the system. This operation starts the generator and transfers the load. Be sure that conditions are safe to do this operation.
• Bypass Time Delay: Use this button to cancel the active time delay or exercise period (stops the generator after cooldown).
• Set Engine Exerciser: Use this button to set the automatic generator exerciser.New/Advanced TSC 9 Series Transfer Controller with features specifically

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designed for Residential and Light Commercial ATS applications. User programmable timers, Simple LED interface.

Indicator Lights

On the front control display are five lights that indicate the status of the sources and the ATS:

- Utility Acceptable: This light indicates that the utility voltage is acceptable for connection to the load.
- Generator Acceptable: This light indicates that the generator voltage is acceptable for connection to the load.
- Load on Utility: This light indicates that the generator voltage is acceptable for connection to the load.
- Load on Generator: This light indicates that the generator voltage is acceptable for connection to the load.
- Automatic Generator Exerciser: When the utility is acceptable and the load is on the utility, this light flashes the number of days until the next exercise period. When it is off, no exerciser period is set. The light is also off when the generator is running.

User-adjustable Settings - Time Delays

- Adjustable 1 or 3 second time delay for overriding momentary utility source disruptions
- Adjustable 0 or 4 second time delay while on standby source to ignore momentary generator voltage dips
- 5 minute time delay before load retransfer back to utility source, to ensure stability of utility power
- Adjustable 2 or 5 minute unloaded running time delay allows generator to cool down prior to shutdown
- 10 second time delay before load transfer to emergency source, to allow generator warm-up and stabilization

ENCLOSURE FEATURES

NEMA 1 Indoor

- Listed to UL 50 standard for electrical equipment enclosures
- Fabricated from 14 gauge steel
- Finish - textured RAL 7035 light gray polyester powder coating which is aesthetically conducive for residential applications
- Doors secured with captive fasteners

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• Conduit knockouts on top/bottom, and both sides

NEMA 3R Outdoor

• Door over door secure construction
• Listed to UL 50 standard for electrical equipment enclosures
• Fabricated from heavy gauge aluminum alloy suited to the size and Ampere rating of the switch
• Highly corrosion resistant
• Finish - textured RAL 7035 light gray polyester powder coating
• Doors secured with captive fasteners
• Gasket enclosure minimizes ingress of water and dust
• Internal dead front panel for user safety when accessing controls
• Conduit knockouts on bottom, and both sides

OPTIONAL ACCESSORIES (Call to Order)

• Control interface for Generac Air Cooled Gensets (Factory installed - must be ordered with transfer switch)
• Strip Heater Kit with Thermostat for outdoor applications with below freezing temperatures to prevent condensation. Requires external 120V electrical source.
• Auxiliary Switch Position Contact Kit 14A/14B
• Single Remote Annunciator With Connectivity Module Package 72R (Annunciator mounts flush or surface on standard 4" electrical wall box)

Model Number:

185A2230F4

Phase:
Single

Poles:

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Two

VAC:
240V, 3-Wire Systems

Frequency:

50/60 Hz

Amperage:
230A

Withstand Rating:

100kA with current limiting fuses, 10kA with circuit breakers

Lugs:
(1) #14 to 4/0 AWG

Cabinet Type:
NEMA 1 Indoor or NEMA 3R Outdoor

Service Entrance Rated:

No

Engine Start Contacts:
2 Wire Start

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Full Dimensions HxWxD (inches):

24 x 14.5 x 8.25 (NEMA 1)

Full Dimensions HxWxD (inches):
24 x 16 x 10 (NEMA 3R)

Weight (NEMA 1):

44 lbs.

Weight (NEMA 3R):
49 lbs.

Warranty:

18 month limited

BE ADVISED:
- Beginning December 1st, 2022, Winco has chosen to enlist an updated cancellation policy in an effort to better meet the needs of our existing partners as well as future partners.

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NUMBER OF DAYS CANCELLATION REQUEST RECEIVED, FOLLOWING ORDER DATE
CANCELLATION FEE

Within 0-30 days of order
5%

Within 30-60 days of order
10%

More than 60 days
15%

Product Shipped
25%

(Note: On custom orders (M-specs & C-specs); no cancellation allowed after one week
of initial order date as procurement of materials has already started.)

Availability: This product was added to our catalog on Friday 06 February, 2015

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