

Automatic Transfer Switch



Features

- The ASCO Series A300 is listed to CSA C22.2 No 178-1978 standard for Automatic Transfer Switches.
- Available from 30 through 1200 amperes
- Available to 600 VAC, single or three phase
- True double-throw operation: The single solenoid operator is inherently interlocked and prevents contacts from stopping between sources or from being in contact with both sources at the same time.
- Modular compact design making it easy to install, inspect and maintain. All parts are accessible from the front.

ASCO Power Transfer Switch rated 400 amperes



ASCO Power Transfer Switch rated 200 amperes shown in Type CR3 enclosure

Withstand & Close-On Ratings

Switch Ratings Amps	Available Symmetrical Amperes RMS at 600 VAC	
	When Used With Current Limiting Fuses	Any Breaker Rating
30	100,000	10,000
70, 100, 150	200,000	10,000
200 (240 V Max.)	200,000	10,000
225, 260, 400	200,000	22,000
600, 800, 1000, 1200	200,000	50,000

Note: Current-limiting fuse should be Class J type through 400 amps: use class L type above 400-amp fuse rating.

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ASCO Series A300 Microprocessor Controller

Voltage & Frequency Sensing

- Adjustable three-phase, close differential voltage on normal source
- Normal source pickup voltage is adjustable to 95% of nominal; drop-out is adjustable from 70% to 90% of nominal
- Frequency sensing on emergency source. Pickup at 95% and drop-out at 85% of nominal

Time Delays

- Adjustable time delay to override momentary normal outages to delay all transfer switch and engine starting signals
- Transfer to emergency time delay, adjustable from 0 to 5 minutes
- Retransfer to normal time delay, adjustable from 0 to 30 minutes
- Five minute unloaded running time delay for emergency generator cool down.

Standard Selectable Feature

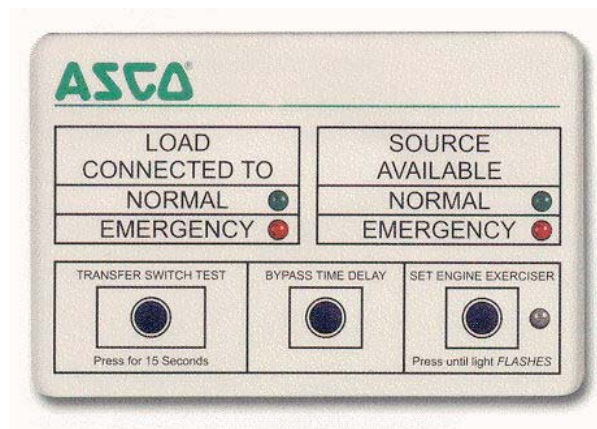
- Engine exerciser to automatically test backup generator each week. Includes control switch for testing with or without load.

Optional Features

- Inphase monitor to transfer motor loads, to prevent inrush currents from exceeding normal starting levels
- Selective load disconnect, double-throw contact to operate at an adjustable 0 to 20 second time delay prior to transfer and reset 0 to 20 seconds after transfer

Remote Control Features

- Remote test switch
- Remote contact for test or for peak shaving applications. Circuit will be automatically bypassed if emergency source fails
- Inhibit transfer to emergency



Door mounted Control & Display Panel

Control and Display Panel

Easy to read flush-mounted control and display panel provides LED indicators for switch position and source availability. It also includes test and time-delay bypass switches.