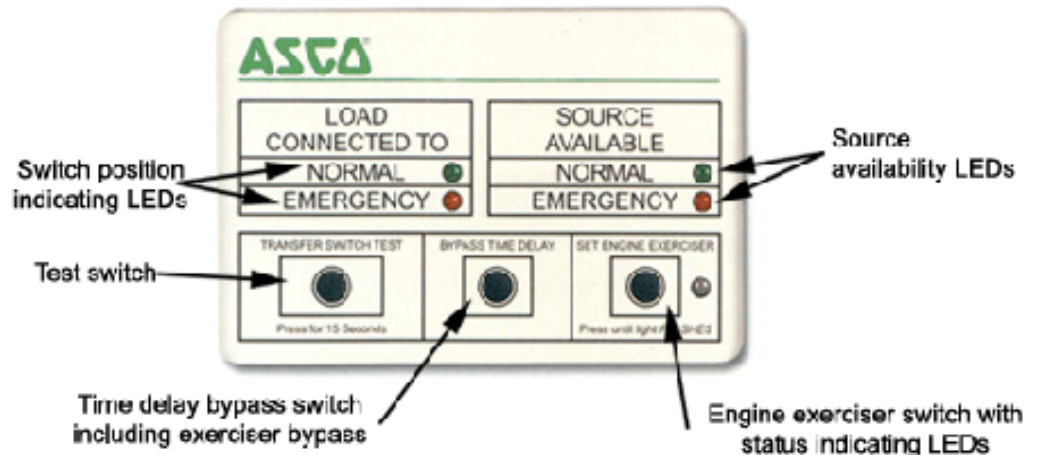


# ASCO SERIES 300 AUTOMATIC TRANSFER SWITCH



GENERATOR TRANSFER SWITCH CONTROL PANEL

## STANDARD FEATURES

- Motor load transfer controls (inphase monitor) to keep motors operating during transfer.
- Pre-transfer & post-transfer load disconnect contacts for signaling motor starters, elevators, VFDs and other selected loads.
- Standard Engine Exerciser for weekly automatic testing of engine generator set with or without load.
- Selectable control switches for voltage, frequency, time delay settings & additional control features.
- Switch position lights, source availability lights, test switch and time delay bypass switch.

## **TIME DELAYS**

- Adjustable time delay to over ride momentary normal source outages to delay all transfer switch and engine-starting signals.
- Transfer to emergency time delay. Adjustable from 0 to 5 minutes for controlled timing of load transfer to emergency.
- Retransfer to normal time delay. Adjustable to 30 minutes.
- Five-minute unloaded running time delay for emergency engine generator cool down.
- Four-second time delay to override momentary to ignore momentary voltage and frequency transients during initial genset loading.

## **VOLTAGE & FREQUENCY SENSING**

- Adjustable three-phase, close differential voltage sensing 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 dropout at 85% of nominal.

## **STANDARD CONTROL CONTACTS**

- Switch position indicating contacts (rated 10 amps 250VAC, 32VDC). (1) for Normal position, (1) for Emergency position.
- Gold plated engine start contacts (rated 5 amps 28VDC or 120VAC).

## **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.
- Remote time delay bypass switch.