

MINOR REVISION

Modify *Division 26, 26 36 00 Transfer Switches* per the following (deletions are shown struck through and additions are double underlined). Remainder of section is unchanged.

.01 General

- A. Transfer switch shall contain SPDT contacts for central control system, and a sufficient number of poles to switch phase wires plus a neutral wire where necessary. Transfer switch shall include capabilities for monitoring “normal source acceptable”, “emergency source acceptable” and “switch status”. Monitoring points shall be connected to the building automation system. Transfer switch shall include provisions to accept two remote inputs; “transfer/exercise” and “engine exercise”. Refer to [BAS Specification](#) for complete requirements.
- B. Transfer switch shall have the ability to log data and to maintain the last 99 events, even in the event of total power loss. Data logging capability to show total number of transfers, number of transfers caused by power failures and total days controller has been energized.
- C. Transfer switch shall be similar to ASCO 4000 series or ASCO 7000 series. Discuss the following options with Engineering Services:
 1. Overlapping neutrals on systems with ground fault protection
 2. Closed transition (for generator systems only)
 3. Paralleling ([for large generator systems only](#))
 4. Delayed transition
 5. Bypass Isolation (for buildings [standby loads](#) requiring maintenance without interruption, [not typical for Emergency or Elevator ATS's](#))
 6. Additional auxiliary contact sets to indicate switch position
 7. Two-Pole, double-throw contacts operate when normal source voltage is present at transfer switch terminals
 8. Two-Pole, double-throw contacts operate when emergency source voltage is present at transfer switch terminals
 9. One Form C contact for each of the following:
 - a. Normal Source Acceptability
 - b. Emergency Source Acceptability
 - c. Fourth contact can be set to mimic the acceptability contacts or annunciate any combination of the acceptability contacts and/or any switch alarm conditions available:
 1. Extended Parallel Time (closed transition)
 2. Failure to Synchronize (Closed Transition)
 3. Transfer Switch Locked Out (Closed Transition)
 4. Load Disconnected (Delayed transition)

END of revision

Update Commentary:

Section was updated primarily for the following reasons:

- 1) *Changed to eliminate a confusion issue when specifying equipment during design.*