

SPECBOOK - BULLETIN B300, MODEL CMC15 PUMP AND ALARM CONTROLLER

BULLETIN B300, MODEL CMC15A DUPLEX PUMP CONTROLLER (Basic Alternator)

A wet well level-responsive automatic pump controller/alternator and abnormal level alarm module shall be furnished to control two pumps in response to direct-acting liquid level sensors in the wet well. The controller/alternator shall have five float operation LED indicators for each of five float switch level sensors. The controller shall provide independent ON, common OFF operation of two pumps with high and low level alarms. The low alarm shall be capable of providing a redundant OFF for the pumps with a restore at the common stop level. An internal solid-state automatic alternator shall change the pump sequence after each cycle of operation. The pump control circuits shall have an integral staggered start and inter-stage delay to prevent simultaneous starting after a power failure condition.

The controller alternator/alarm module shall be single, standard stocked unit approximately 10" high, 3" wide, and suitable for panel mounting. Systems using discrete components, individual door mounted switches and incandescent lights will not be acceptable. The Controller shall be a Siemens Water Technologies, Control Systems (fka Consolidated Electric) Bulletin B300, Model CMC15A Pump & Alarm Controller/Alternator.

BULLETIN B300, MODEL CMC15B DUPLEX PUMP CONTROLLER (With LED's and switches)

A wet well level-responsive automatic pump controller/alternator and abnormal level alarm module shall be furnished to control two pumps in response to direct-acting liquid level sensors in the wet well. The controller/alternator shall have five 3-position float circuit test switches (closed-open-auto) and float operation LED indicators for each of five float switch level sensors and a three-position alternator override switch (auto, 2-1, 1-2). The controller shall provide independent ON, common OFF operation of two pumps with high and low level alarms. The low alarm shall be capable of providing a redundant OFF for the pumps with a restore at the common stop level. An internal solid-state automatic alternator shall change the pump sequence after each cycle of operation. The pump control circuits shall have an integral staggered start and inter-stage delay to prevent simultaneous starting after a power failure condition.

The controller alternator/alarm module shall be single, standard stocked unit approximately 10" high, 3" wide, and suitable for panel mounting. Systems using discrete components, individual door mounted switches and incandescent lights will not be acceptable. The Controller shall be a Siemens Water Technologies, Control Systems (fka Consolidated Electric) Bulletin B300, Model CMC15A Pump & Alarm Controller/Alternator.