



SIMPLEX INDOOR PANEL

S10020N1 SINGLE PHASE CONTROL PANEL

FEATURES

High level alarm circuit includes spring loaded through door-mounted silence switch for manual silence of alarm horn.

Through door mounted alarm test switch insures proper operation of the alarm circuit without the need to open the panel.

Through door mounted pump run light.

Top mounted high intensity flashing red light provides 360° visibility.

Pulsating, corrosion proof alarm horn.

Color coded wiring, screw type terminals and plug in sockets, insure ease of field servicing.

Field wiring diagram, panel schematic and installation instructions included.

Entire unit is UL and CUL listed.

PANEL MODEL INFORMATION

ORDER NUMBER	AMP RANGE
S10020N1	0-20

APPLICATIONS

Superior quality simplex liquid level controller, automatically maintains pump operation. High level alarm warning for a variety of sump, effluent, sewage and water transfer applications. Not for use in damp, outdoor, or weatherproof applications.

SPECIFICATIONS

- Non-modifiable – No options available.
- Accepts single or dual power feed.
- Hand-off-automatic (H-O-A) pump selection switch.
- On-off control circuit switch.
- Oversized magnetic contactors.
- Numbered terminal strip-screw type.
- NEMA 1, 30 watt, flashing red light.
- NEMA 1, steel enclosure.
- NEMA 1, alarm horn – 95db.
- Auxiliary alarm contacts.

Single Phase

- Field adjustable for 115 or 230 V, 60 Hz.
- Enclosure: 8.0" H x 8.0" W x 4.0" D.

NOTE: Enclosure dimensions do not include 3" high light.

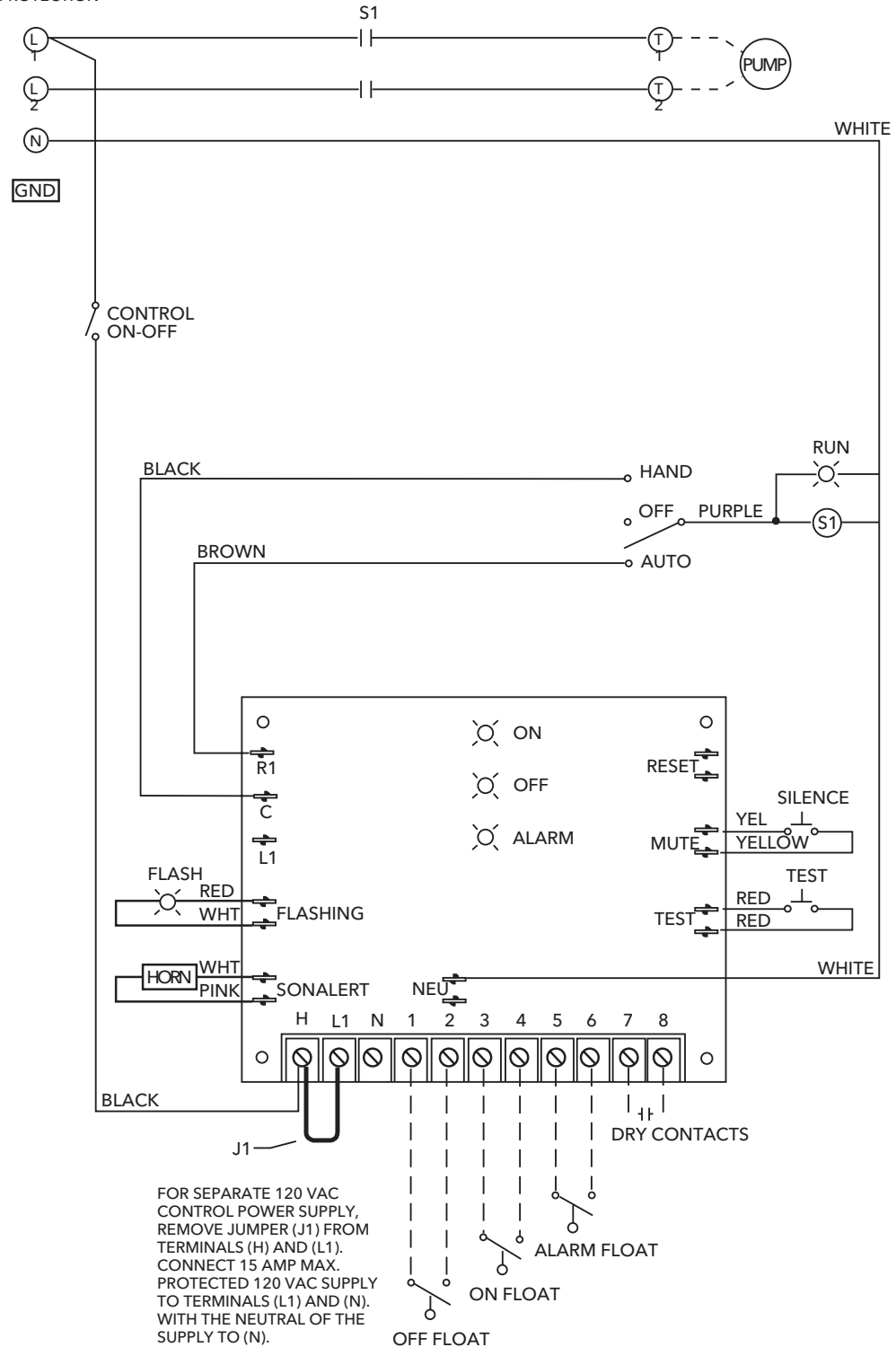
ADDITIONAL FEATURES

- Panel can be wired for a single power feed for pump and control circuit or the control circuit can be wired to a separate power supply to insure alarm integrity in case of a tripped pump breaker.
- Auxiliary alarm contacts provided for remote alarm connection.
- Float Switches – Note: Please order float switches separately. We offer several types and models. See the Float Switch bulletin for available options. The type selected determines the quantity needed. The basin depth and panel location determine the required cord length. Contact your distributor or Customer Service for additional information.

SIMPLEX SINGLE PHASE WIRING DIAGRAM - S10020 After October 1, 2003

115/230 VAC (FOR 115 VAC, USE TERMINALS L1 AND N, JUMP L2 AND N.)
SINGLE PHASE 60 HZ

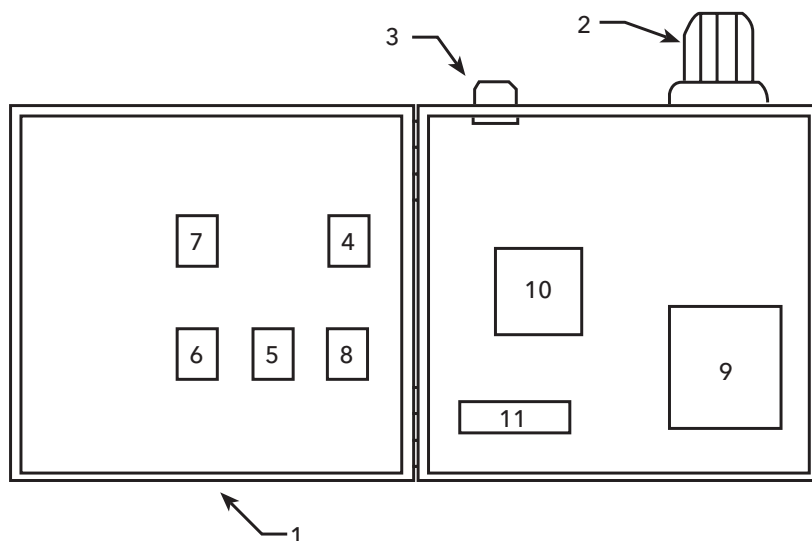
PROVIDE DISCONNECT AND
BRANCH CIRCUIT PROTECTION
PER NEC CODE



FOR USE WITH WIDE ANGLE FLOAT SWITCH (ONE FLOAT FOR BOTH ON AND OFF OPERATION).
JUMP TERMINALS (3) AND (4), INSTALL WIDE ANGLE FLOAT TO TERMINALS (1) AND (2).

S10020N1 COMPONENTS

- | | |
|----------------------------------|---|
| 1. NEMA 1 enclosure | 7. Control power on/off selector switch |
| 2. Flashing alarm light | 8. H-O-A selector switch |
| 3. Alarm horn | 9. Simplex control board |
| 4. Pump run light | 10. Contactor |
| 5. Alarm silence selector switch | 11. Terminal strip |
| 6. Alarm test selector switch | |



Xylem Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (866) 325-4210
Fax: (888) 322-5877
www.xylem.com/goulds

Xylem is a registered trademark of Xylem Inc. or one of its subsidiaries. Goulds is a registered trademark of ITT Manufacturing Enterprises LLC and is used under license. All other trademarks or registered trademarks are property of their respective owners.
© 2024 Xylem, Inc. BCP1 R7 January 2024