1-PHASE DUPLEX CONTROL PANEL

INCORPORATING AUTOMATION TO IMPROVE RELIABILITY AND SYSTEM EFFICIENCIES

The CB1002 is a standard 1-phase Duplex pump control that provides the base for additional customization. Duplex controls provide dependable, automatic operation of two pumps. Optional features can be added to the standard package to create a unique solution for individual needs.

Newfound efficiencies, impacting both energy consumption and costs, can result from implementing controls to achieve benefits associated with automation.

Stancor helps you capture savings by providing the best of both worlds—large enough to leverage global experience and small enough to offer local service and support.
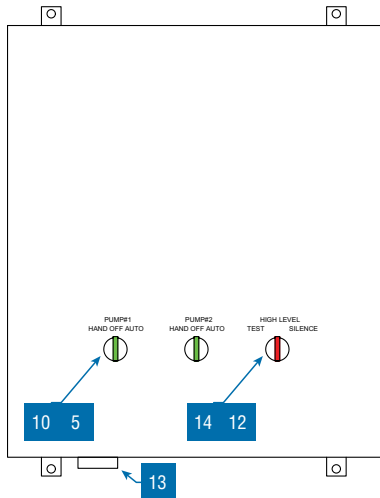

STANCOR®
Pump & Control Solutions

BUILDING TRADES I CONSTRUCTION I MINING I UTILITIES I WASTEWATER

APPLICATIONS

Duplex controls panels are used in a variety of applications, including construction, irrigation systems, lift stations, mining and utilities. The core design, and accompanying features, are intended to be robust enough for general purpose. Customization from this base design can then occur for specialty applications.

FRONT COVER

PUMP#1 HAND OFF AUTO PUMP#2 HAND OFF AUTO HIGH LEVEL TEST SILENCE

Dimensions: 16 wide / 14 tall / 7 deep

INTERIOR COMPONENTS

G&G Controls, a division of Stancor acquired in 2016, incorporates more than three decades of experience designing and building customized controls into every panel. Having a resource with such an extensive knowledge base provides the basis for consultation into design modifications. Projects benefit from an extensive knowledge of code and certification for both UL 508A and UL 698A. A large installed base of standard and customized control panels allows Stancor to find the right options—every time.

NEC FULL-LOAD CURRENTS IN AMPERES

HP	208 Volts	230 Volts	460 Volts
0.50	2.4	2.2	1.1
0.75	3.5	3.2	1.6
1.00	4.6	4.2	2.1
1.50	6.6	6.0	3.0
2.00	7.5	6.8	3.4
3.00	10.6	9.6	4.8
5.00	16.7	15.2	7.6
7.50			11.0
10.00			14.0

FEATURES

STANDARD COMPONENTS

1. 16 x 14 x 7 NEMA 4X polycarbonate enclosure
2. IEC motor contactor
3. MCCB for short circuit
4. Alternator
5. Green pump run indicator lights
6. Alarm/Control CB
7. Float switch terminal block angled for ease of field installation
8. Input power terminal block angled for ease of field installation
9. Ground lugs
10. HOA (Hand/Off/Auto) switches

STANDARD ALARM PACKAGE

11. High alarm relay for dry contacts
12. Indicator light for visual check
13. Sonalert audible alarm
14. Exterior alarm test with silence
15. Horn silence relay

ADDITIONAL OPTIONS

- Strobe lights
- Mechanical float switches 20'-120' cords
- Dry contacts for remote alarm signal
- Door-mounted hour meters
- Door-mounted interlocking disconnects
- Seal leak detection
- Stainless steel Type 4X with dead-front and inner door
- Powder Coat Type 4 with dead-front and inner door
- Individual overloads available

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