

Standard Control Panel Option Codes



Leading Edge Control Products

Alderon™ Standard Control Panel Add-Ons

PLACE OPTION CODE LETTER(S) BEHIND STANDARD PART NUMBER

TECHNICAL DATA SHEET

DESCRIPTION OF OPERATION



Alderon™ offers a wide variety of standard control panels to meet the demands of the water and wastewater industry. When the standard models need minor add-ons, we offer control panel option codes to modify existing panels without making it a custom control panel.

A majority of the standard control panels listed in the current year price sheet or on our website (alderonind.com) can have these option codes added, including: Oil Alert™, Check It™, Smart Panel™, SmartIQ™, Water Well, Suspension Probe, and Intrinsically Safe.

Depending on the voltage, phase, and/or type of panel, not all listed option codes can be used with each series of control panels. To create a modified part number, review the list of option codes on the back side of this document and add them to the end of the standard control panel part number desired. Note: make sure to list all option codes in alphabetical order.

Alderon™ customer service, sales, and quoting departments can offer assistance with ordering questions and verify if a particular option code is included or not available per series of control panels.

GENERAL LIST OF ADD-ONS

- Pump Tracking, Event Counter
- Pump Tracking, Elapsed Time Meter
- Auxiliary Alarm Contacts
- Lockable Latches
- Lightning / Surge Protection
- Additional Floats
- Pump Run Auxiliary Contacts
- Pump Run Switches / Indicators
- Pump Fail Indicators
- Main Disconnects (Pump Load)
- Phase Loss Relay
- Control Transformers
- Three Phase Control Power
- Three Phase Pump Terminals
- Thermal Cutout Indicators
- Seal Failure Circuits / Indicators
- Redundant Off Circuits / Indicators
- Single Phase Overload Protection
- Float Switch Cable Attachments
- Control and Alarm Circuit Breakers
- Anti-Condensation Heaters
- Amber Beacon / Filter Switch Circuit
- No Floats
- Panel Mounted on Pedestal

ORDERING INFORMATION

For a complete list of standard products with pricing, refer to the current year price sheet or visit alderonind.com for more information.

When ordering, place the option code letter(s) behind the standard control panel part number and list all option codes in alphabetical order. The complete list of options are on the back side of this document. Review the list, note what options are included or available prior to creating the modified part number. Enter ONLY your modified part number with option codes in the model box and refer to the full example description below.

Modified Part Number Model Box ONLY (Example: 2012ABD)

FULL EXAMPLE: 2012ABD Check It™ Single Phase Duplex, Demand Dosing, 120/230VAC, 0-15 FLA, Type 4X, Circuit Breakers, and (3) 20' Control Switches (standard 2012 Check It™)

Option Codes: (A) Event Counter, (B) Elapsed Time Meter, and (D) Lockable Latches

Control Panel Option Codes | Place Option Code Letters Behind Part Number (effective 01.17.2022)

OPTION CODE and CHECK BOX	DESCRIPTION	SIMPLEX	DUPLEX	SIMPLEX TIMED DOSING
A	Event Counter	✓	✓	✓
B	Elapsed Time Meter	✓	✓	✓
C	Auxiliary Alarm Contacts (<i>included on Check It™ Series</i>)	✓	Add/No Cost	✓
C2	Secondary Auxiliary Alarm Contacts	✓	✓	✓
C3	Control Power Loss Dry Contacts (<i>Normally Open/Closed on Power Loss</i>)	✓	✓	✓
D	Lockable Latches	✓	✓	✓
E	Alarm Flasher	✓	✓	✓
F1	Lightning Protection - Single Phase	✓	✓	✓
F3	Lightning Protection - Three Phase	✓	✓	✓
G	4th Float for Duplex (<i>separates Lag from Alarm - Duplex Demand Dose only</i>)	N/A	✓	N/A
G1	Four Float Control (<i>use with Option X - Duplex Demand Dose only</i>)	N/A	Add/No Cost	N/A
H	Timer Override Float (<i>Peak Timer - Timed Dose only</i>)	N/A	N/A	✓
H1	Timer Override Circuit (<i>Peak Timer - Check It™ 1200 Series Timed Dose only</i>)	N/A	N/A	✓
I	Redundant Off Float (<i>choose Option Q also</i>)	✓	✓	✓
I1	Redundant Off Float (<i>SmartIQ™ Simplex only - No Option Q Required/Standard</i>)	N/A	N/A	✓
L	Pump Run Auxiliary Contacts (<i>i.e., chemical feed</i>)	✓	✓	N/A
L1	Pump Run Indicator, Door Mounted	✓	✓	N/A
L2	Hand-Off-Auto (HOA) Switch, Pump Run Indicator, Door Mounted	✓	✓	N/A
L3	Test-Off-Auto (TOA) Switch, Pump Run Indicator, Door Mounted	✓	✓	N/A
L4	Three Phase Pump Fail Indicator, Door Mounted	✓	✓	N/A
L5	Single Phase Pump Fail Indicator, Door Mounted (<i>choose Option PXX also</i>)	✓	✓	N/A
L6	Three Phase Pump Fail Indicator, Door Mounted, Alarm Activation	✓	✓	N/A
L7	Single Phase Pump Fail Indicator, Door Mounted (<i>choose Option PXX also</i>), Alarm Activation	✓	✓	N/A
L8	Toggle Switch, Smart Panel™ Time/Demand Selector	N/A	N/A	✓
L9	Heavy Duty 22mm Door Mounted Control "Power On" Indicator	✓	✓	✓
M	Motor Saver Protection (<i>available, consult factory</i>)	Call Factory 218.483.3034		
M1	Main Disconnect, 40 Amps Total Pump Load	✓	✓	N/A
M2	Main Disconnect, 65 Amps Total Pump Load	✓	✓	N/A
M3	Phase Loss Relay, Three Phase, 208/230/460VAC	✓	✓	N/A
M4	575V Control Transformer	Add/No Cost	Add/No Cost	N/A
M5	Three Phase, Separate 120VAC Control Power Terminal Blocks	Add/No Cost	Add/No Cost	N/A
M6	Three Phase Duplex, Separate Incoming Pump Power Terminal Blocks (<i>choose Option M5 also</i>)	N/A	✓	N/A
M7	380-415V Control Transformer (50 Hz)	✓	✓	N/A
N	Thermal Cutout	✓	✓	N/A
N1	Thermal Cutout, Door Mounted Indicator	✓	✓	N/A
N2	Thermal Cutout, Alarm Activation	✓	✓	N/A
N3	Thermal Cutout, Door Mounted Indicator, Alarm Activation	✓	✓	N/A
O	Seal Failure Circuit and Indicator	✓	✓	N/A
O2	Seal Failure Circuit, Door Mounted Indicator	✓	✓	N/A
O3	Seal Failure Circuit, Alarm Activation	✓	✓	N/A
O4	Seal Failure Circuit, Door Mounted Indicator, Alarm Activation	✓	✓	N/A
O7	Seal Failure Circuit, Ebara Pump Sensor (NC), Door Mounted Indicator	✓	✓	N/A
O8	Seal Failure Circuit, Ebara Pump Sensor (NC), Door Mounted Indicator, Alarm Activation	✓	✓	N/A
P01	Single Phase Overload Protection 2.5 - 4.0 Amps	✓	✓	✓
P02	Single Phase Overload Protection 4.0 - 6.0 Amps	✓	✓	✓
P03	Single Phase Overload Protection 5.5 - 8.0 Amps	✓	✓	✓
P04	Single Phase Overload Protection 7.0 - 10.0 Amps	✓	✓	✓
P05	Single Phase Overload Protection 9.0 - 13.0 Amps	✓	✓	✓
P06	Single Phase Overload Protection 12.0 - 18.0 Amps	✓	✓	✓
P07	Single Phase Overload Protection 16.0 - 24.0 Amps	✓	✓	✓
P08	Single Phase Overload Protection 23.0 - 32.0 Amps	✓	✓	✓
Q	Low Level (Redundant Off) Circuit	✓	✓	Standard
Q1	Redundant Off Float Circuit, Intrinsically Safe	✓	✓	N/A
Q2	Redundant Off Indicator, Alarm Activation	✓	✓	✓
R	Cast Iron Cable Weight (per Weight)	✓	✓	✓
R2	Plastic Cable Weight (per Weight)	✓	✓	✓
S	Single Phase, Anti-Condensation Heater	✓	✓	✓
S1	Three Phase, Anti-Condensation Heater	✓	✓	N/A
T	One (1) Wide Angle Float (<i>replaces two (2) Narrow Angle Floats</i>)	✓	✓	N/A
T1	Oil Alert™ 48" Suspension Probe Holder/Float Sensor Assembly, 25' Cable (<i>Oil Alert™ Series</i>)	✓	✓	N/A
T2	Oil Alert™ 48" Suspension Probe Holder/Float Sensor Assembly, 50' Cable (<i>Oil Alert™ Series</i>)	✓	✓	N/A
U	Control Alarm Circuit Breaker	✓	✓	✓
U1	Separate Alarm and Control Breakers, No Fuses	✓	✓	✓
V	Alarm Float Only	✓	✓	✓
W	20' Filter Switch	✓	✓	✓
W1	Amber Beacon and Filter Switch Circuit	✓	✓	✓
W2	Amber Beacon and Filter Switch Circuit, 20' Filter Switch	✓	✓	✓
X	No Floats	✓	✓	✓
Y1	36" Panel Pedestal, Panel Mounted on Pedestal	✓	✓	✓
Y2	60" Panel Pedestal, Panel Mounted on Pedestal	✓	✓	✓