

PDA2360 Series Plastic Control Stations

Data Sheet



- Complete Pre-Assembled Stations
- Fitted with 1, 2, 3, or 4 Normally Open (NO) Spring Return Plastic Bezel Pushbuttons
- Trigger Action Turn to Release Pushbutton (PDA2360-E only)
- IP65 / NEMA 4, 4X and 13 Rated
- Button Text for: Start, Stop, Batch, Acknowledge, Tare, Silence, Emergency Stop Functions, or Blank
- Four-Position Control Station for Remote Operation of ProVu and Helios Buttons
- Wall Mountable

OVERVIEW

The PDA2360 series of plastic control stations provide a convenient way to remotely control devices such as Precision Digital's digital meters and controllers. There are control stations that can be used to reset the total, acknowledge relays, set a tare, and run a batch process. Blank buttons for custom user actions and emergency stop control stations are also available.

The control stations come pre-assembled with 1, 2, 3, or 4 Normally Open (NO) red, green, or black pushbuttons. Knockouts on the top and bottom of the enclosure are provided for convenient wiring and two mounting holes on the back of the enclosure make it easy for wall mounting. All control stations are IP65 / NEMA 4, 4X and 13 rated.

Models Available



PDA2361-A
Acknowledge Relays



PDA2361-R
Reset Total



PDA2361-Q
Silence the Horn



PDA2360-E
Emergency Stop



PDA2361-T
Tare



PDA2361-B
Blank



PDA2361-S
Stop



PDA2362-SS
Start & Stop



PDA2362-AR
Acknowledge Relays
and Reset Total



PDA2362-BB
Blank



PDA2363-SAR
Silence, Acknowledge,
and Reset Total



PDA2363-SAS
Silence, Acknowledge,
and Stop/Go



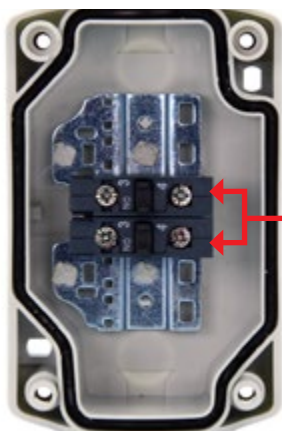
PDA2364-MRUE
ProVu & Helios
Four Buttons



PDA2364-MSBS
Batch Control

SWITCH TERMINAL BLOCKS

The number of switch terminal blocks depends on the number of buttons on the control station. The control stations are available with 1, 2, 3, or 4 buttons.



The switch terminal blocks are located inside the back of the control station enclosure.

The terminal blocks are NO (Normally Open) switches.

2-Button Control Station Shown

For applications requiring Normally Closed contacts, order [PDA236X-NC](#) NC Switch Contact Terminal for Control Stations

Specifications

Rated Capacity	240V/3A (AC-15 per IEC 947-5-1) 110V/0.6A (DC-14 per IEC 947-5-1)
Contact Resistance	<50mohm
Mechanical	>3x10 ⁴ (spring return button)
Durability	>5x10 ³ (latching emergency button)

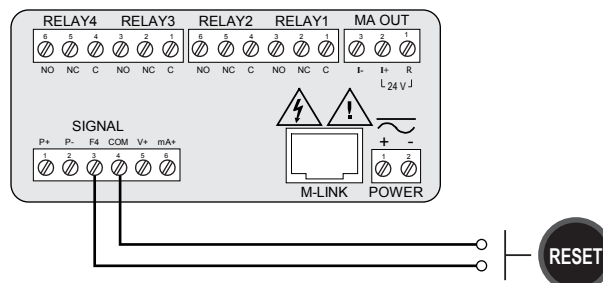
REMOTE BATCH CONTROL CONNECTIONS

The ProVu batch controllers can be operated via the front panel push buttons or a remote control station using the [PDA1044](#) digital I/O expansion module as illustrated below.

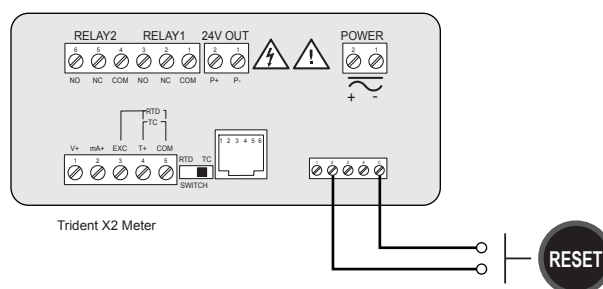


WIRING DIAGRAMS

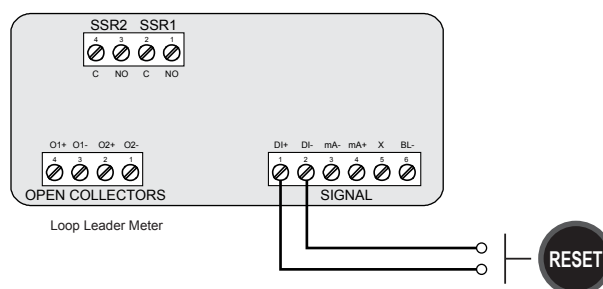
PDA2361



PDA2361 Wiring to a ProVu or Helios Meter Using the On-Board Digital Input Connection

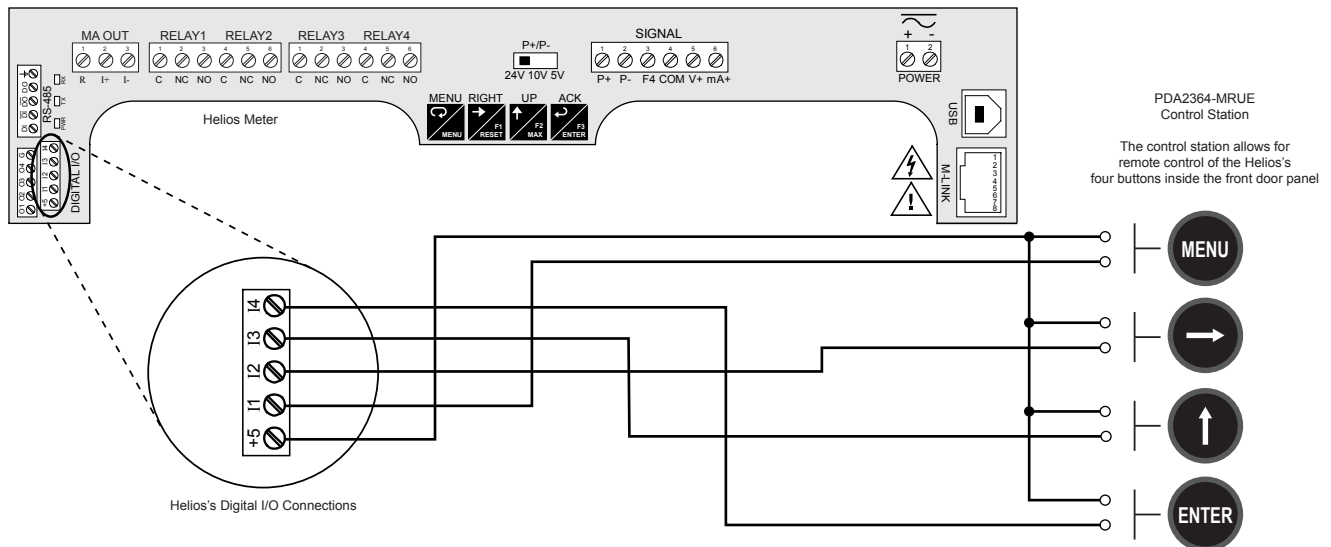


PDA2361 Wiring to a Trident X2 Meter Using the On-Board Digital Inputs Connection

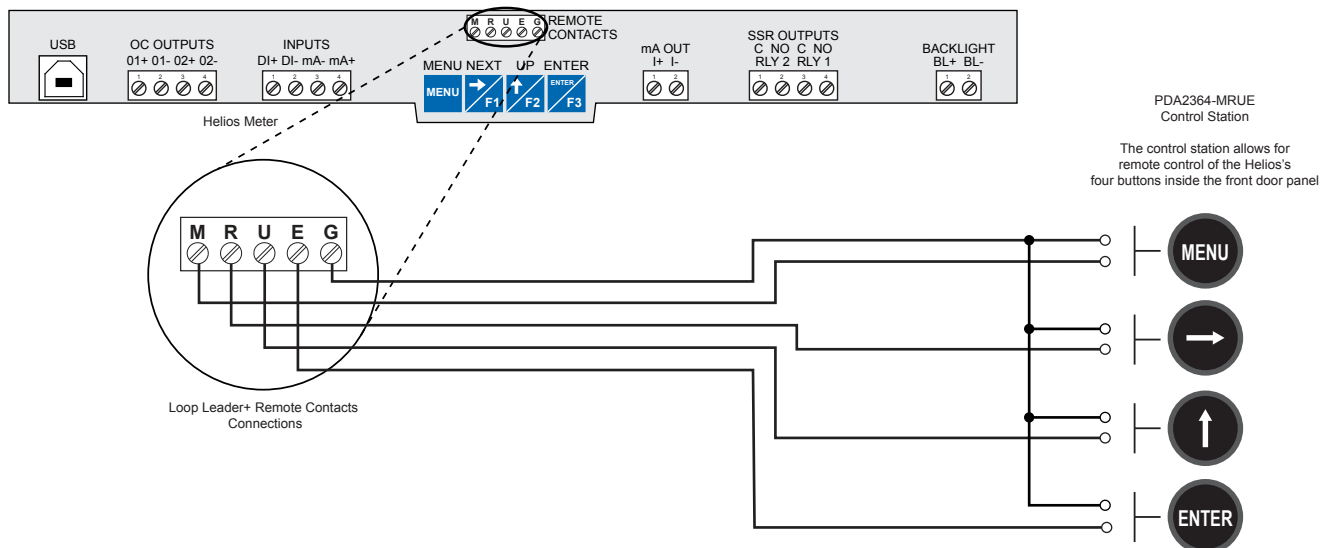


PDA2361 Wiring to a Loop Leader Meter Using the On-Board Digital Input Connection

PDA2364-MRUE

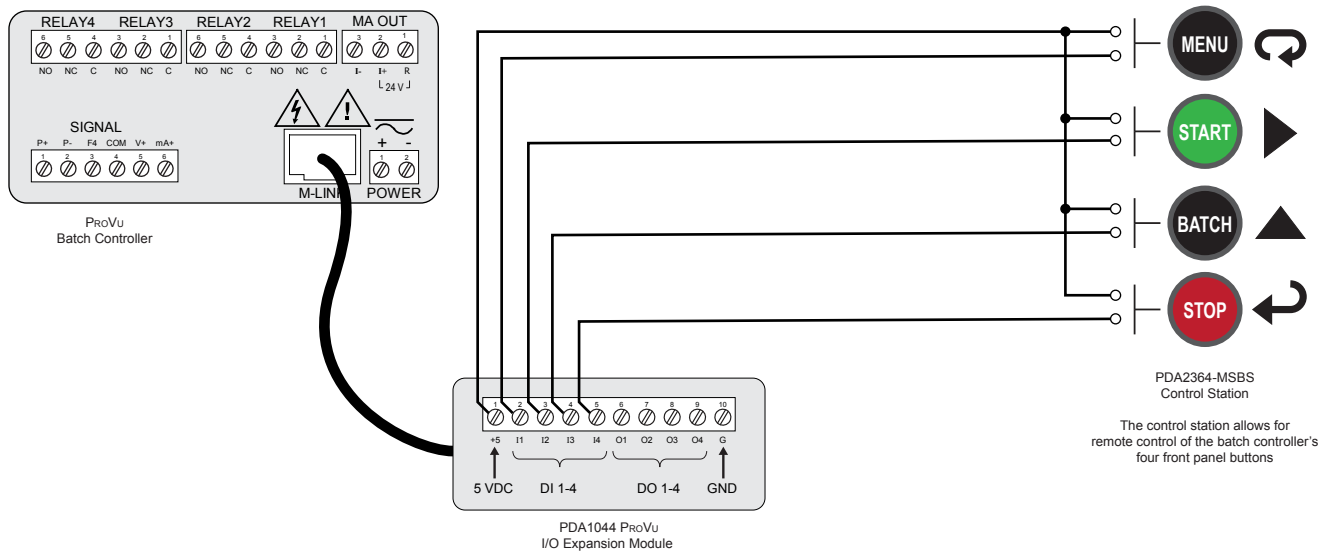


PDA2364-MRUE Wiring to a Helios Meter Using Its Digital I/O Connections

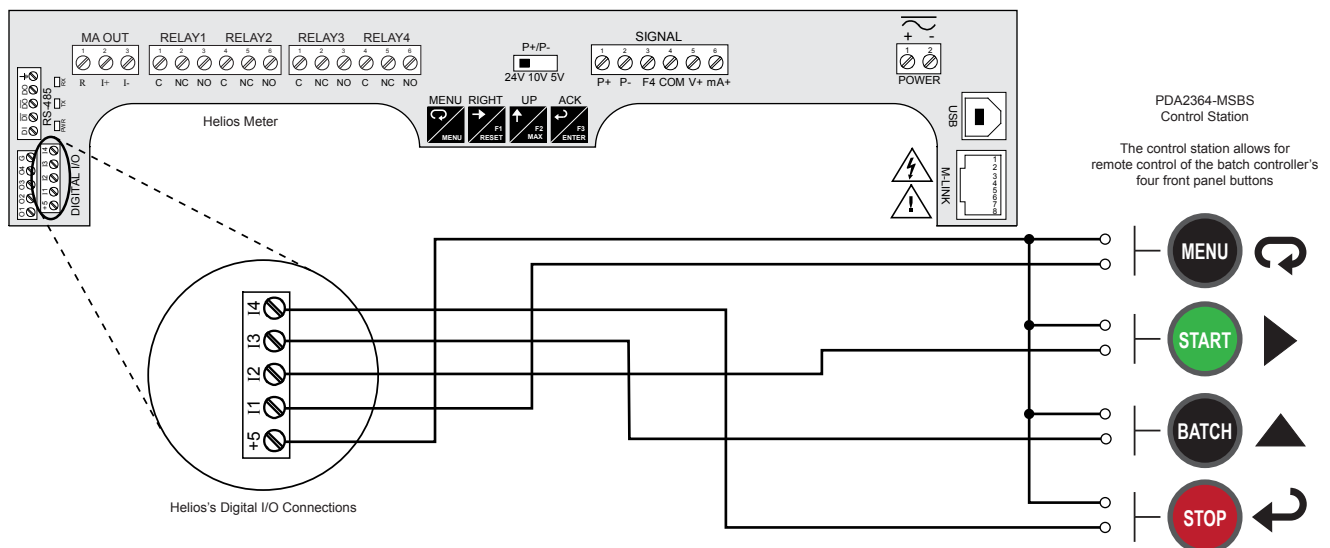


PDA2364-MRUE Wiring to a Loop Leader+ Meter Using Its Remote Contacts

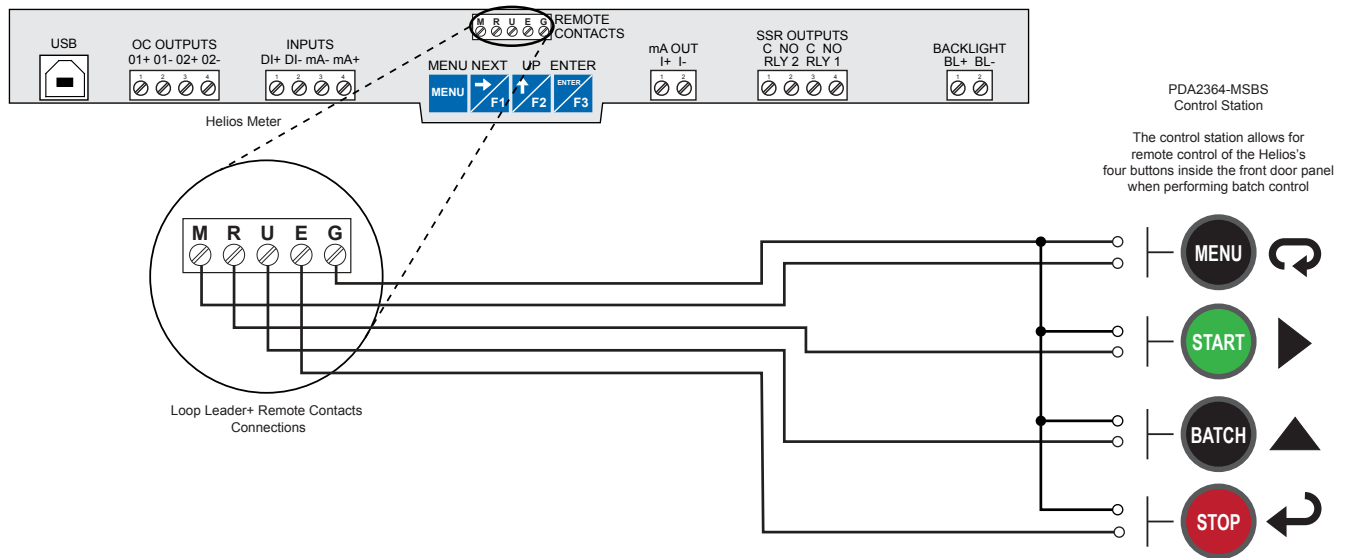
PDA2364-MSBS



PDA2364-MSBS Wiring to a ProVu Batch Controller Using a PDA1044 I/O Expansion Module



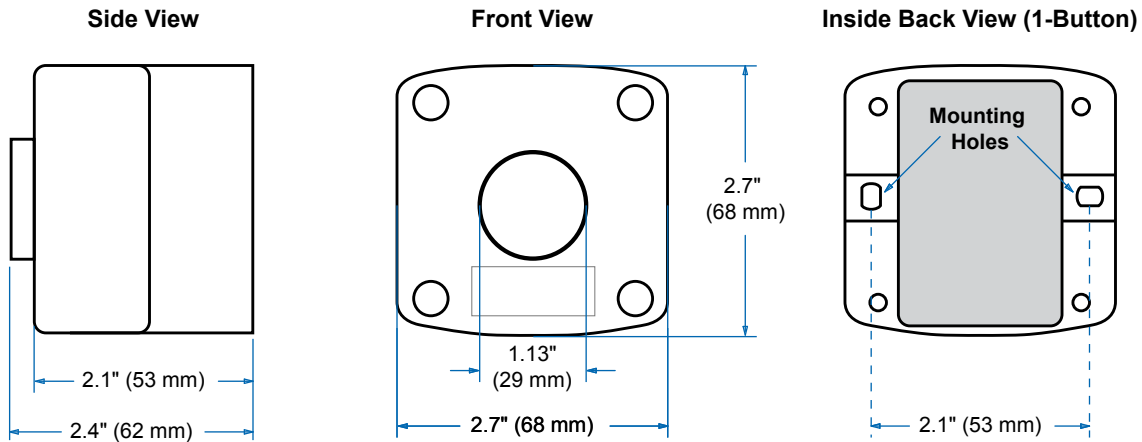
PDA2364-MSBS Wiring to a Helios Batch Controller Using Its Digital I/O Connections



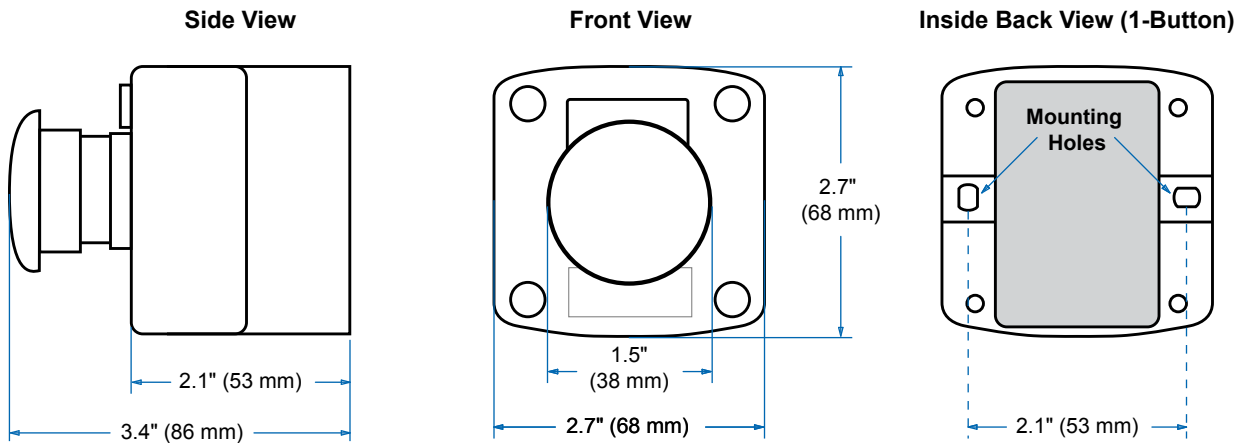
PDA2364-MSBS Wiring to a Loop Leader+ Flow Rate/Totalizer in Batch Controller Mode Using Its Remote Contacts

DIMENSIONS

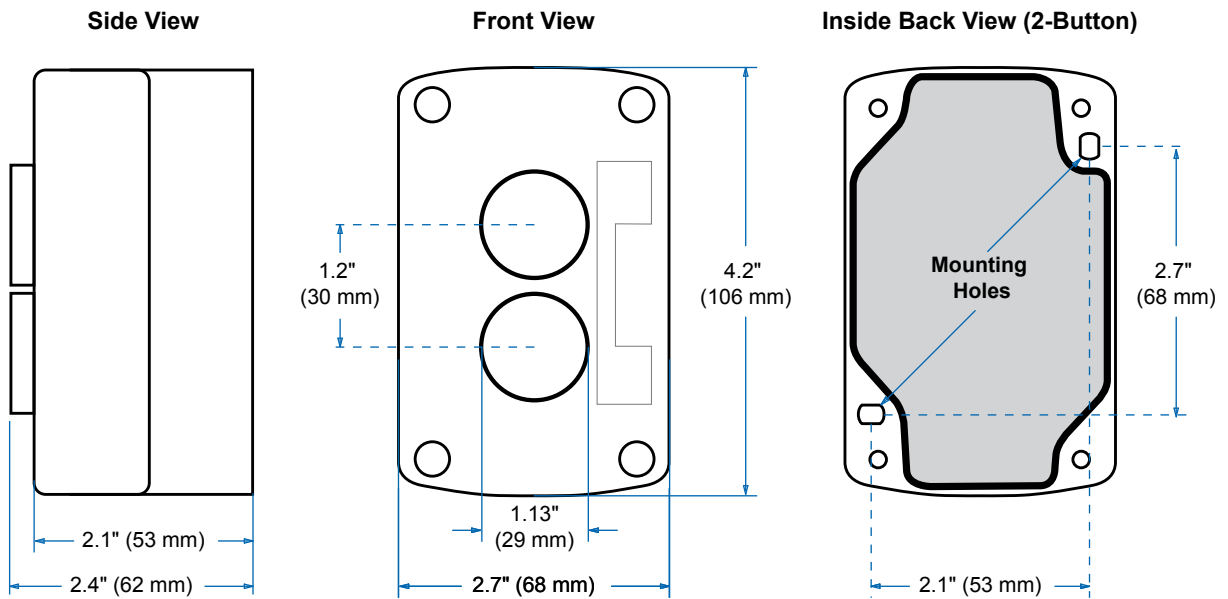
Control Box with (1) One Button



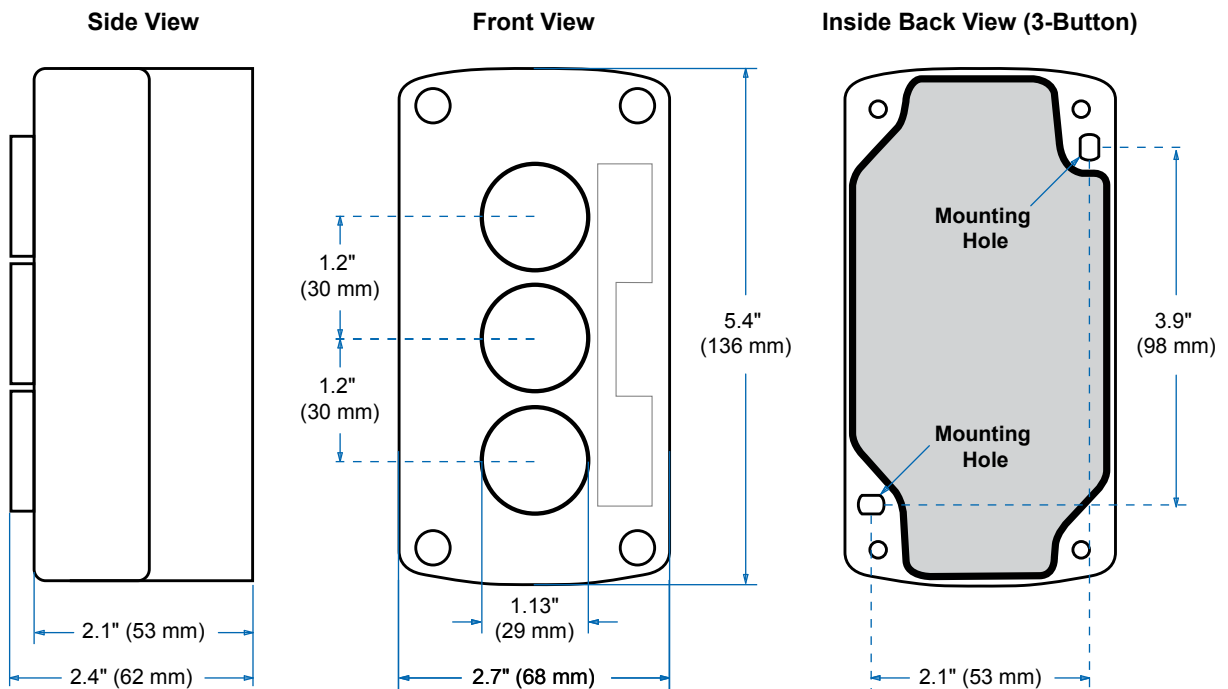
Control Box with (1) One Emergency Button



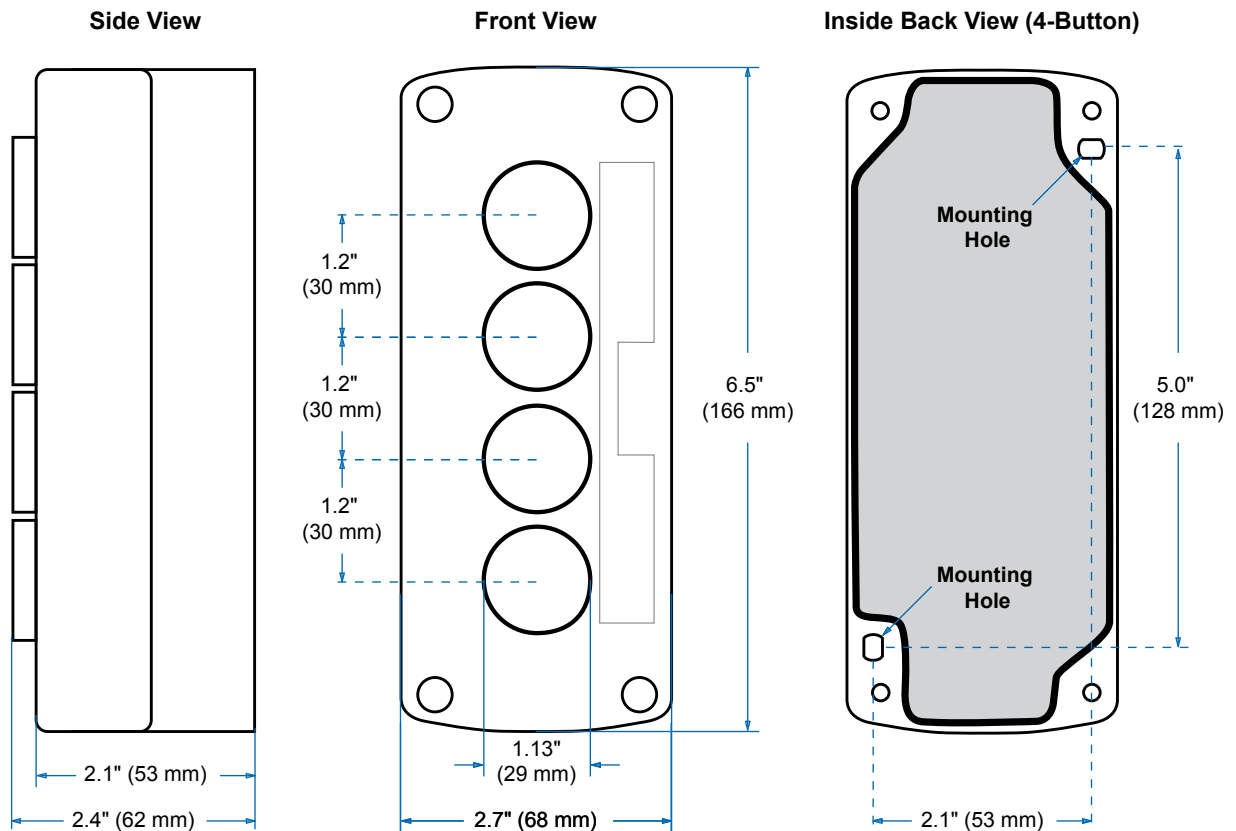
Control Box with (2) Two Buttons



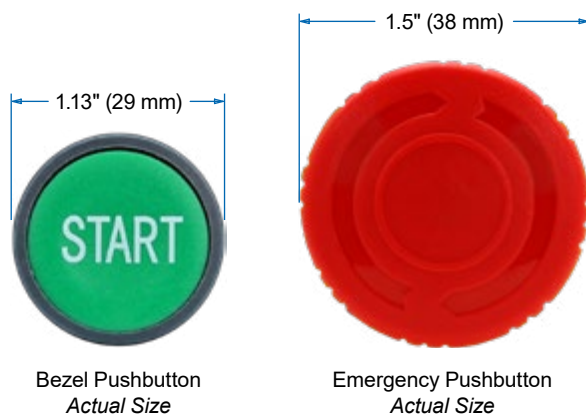
Control Box with (3) Three Buttons



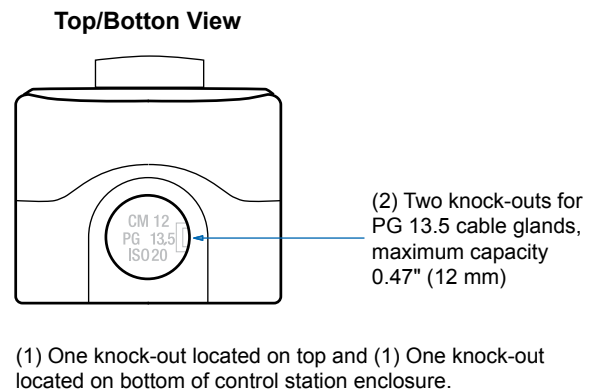
Control Box with (4) Four Buttons



Pushbutton Diameter



Knock-Outs



SPECIFICATIONS

General

Pushbuttons	Control Station with 1, 2, 3, or 4 Normally Open (NO) buttons: red, green, or black flush spring return pushbuttons. Button Diameter: 1.13" (29 mm) Emergency Stop Control Station: 1 red, latching, mushroom head pushbutton, turn to release. Button Diameter: 1.5" (38 mm)
Electrical Blocks	1, 2, 3, or 4 mounted to the inside back of the enclosure
Cable Entries	Knock-outs for cable-gland on top and bottom of box (CM 12, PG 13.5, and ISO 20). Maximum capacity: 0.47" (12 mm)
Material	Polycarbonate Color: dark gray lid, light gray base on 1, 2, 3, or 4 button control stations. Yellow lid, light gray base on emergency control station.
Switch Terminal Blocks	Rated Capacity: 240V/3A (AC-15 per IEC 947-5-1) 110V/0.6A (DC-14 per IEC 947-5-1) Contact Resistance: <50mohm Mechanical Durability: >3x10 ⁴ (spring return button) >5x10 ³ (latching emergency button)
Weight	Control box with 1 button: 4.0 oz (113g) Control box with 1 emergency button: 4.8 oz (136g) Control box with 2 buttons: 6.4 oz (181g) Control box with 3 buttons: 8.0 oz (227g) Control box with 4 buttons: 10.4 oz (295g)
Environmental	Operating Temperature Range: -25 to +70° C, Protection Degree: IP65 (IEC 529) and NEMA 4, 4X and 13.
Warranty	1 year parts and labor. See Warranty Information and Terms & Conditions on www.predig.com for complete details.

Connections

ProVu	Single button control stations may be connected directly to the on-board F4 digital input on the ProVu. Control stations with more than one button require a PDA1044 digital I/O module to connect the ProVu to the control station.
Helios	No external device is required to connect the Helios to a control station.
Trident X2	No external device is required to connect the Trident X2 to a control station.
ConsoliDator+	No external device is required to connect the ConsoliDator+ to a control station.
Loop Leader+	No external device is required to connect the Loop Leader+ to a control station.
Loop Leader	Single button control stations may be connected directly to a Loop Leader.
Vigilante II	No external device is required to connect the Vigilante II Annunciator to a control station.

ORDERING INFORMATION

Control Stations

Model	Description
PDA2360-E	Emergency Stop Button
PDA2361-A	1 Black Ack Button
PDA2361-B	1 Black Button No Text
PDA2361-R	1 Black Reset Button
PDA2361-T	1 Black Tare Button
PDA2361-S	1 Red Stop Button
PDA2361-Q	1 Black Silence Button
PDA2362-AR	1 Black Ack & 1 Black Reset Buttons
PDA2362-BB	2 Black Buttons No Text
PDA2362-SS	1 Green Start & 1 Red Stop Buttons
PDA2363-SAR	1 Black Silence, 1 Black Acknowledge, 1 Black Reset
PDA2363-SAS	1 Black Silence, 1 Black Acknowledge, 1 Black Stop/Go
PDA2364-MRUE	4 Black Buttons: Menu, Right, Up, Enter
PDA2364-MSBS	1 Black Menu, 1 Green Start, 1 Black Batch, 1 Red Stop Buttons

Accessories

General Accessories	
Model	Description
PDA236X-NC	NC Switch Contact Terminal for Control Stations
PDA1044	ProVu Digital I/O Expansion Module

WARNING

Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Your Local Distributor is:

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