

Applications
PROCESS WEIGHING

- *Batching/Blending*
- *Filling/Dispensing*
- *Level-by-Weight*
- *Check Weighing*



Features

The Hardy Process Toolbox

The Hardy Process Toolbox is a set of productivity tools that support process weighing functions. Each tool saves time, increases accuracy, improves efficiency or reduces risk in process weighing applications.



C2® Electronic Calibration

- Electronic calibration without test weights

INTEGRATED TECHNICIAN®

- Weighing system monitoring and troubleshooting

NEMA 4X Enclosure

UL Class 1,II, III Division 2

SUMMING BOX

The Hardy HI 6010 Summing box is a critical component in a weighing system that enables use of Hardy's core technologies - C2® and IT. The summing box distributes excitation voltage to up to four load cells and transfers each load cell's performance characteristics and weight signals to the Hardy weight controller.

A summing card with IT (Integrated Technician®) allows a weighing instrument operator to switch to the summing card's internal test circuit and diagnose the entire weighing system from the front panel of the instrument or a remote location over the Internet. Individual load cells can be isolated from each other for weight and voltage readings, allowing a technician or operator to quickly and safely troubleshoot weighing system faults and anomalies.

The HI 6010 Summing box is available with a variety of options (e.g. with or without IT or trim pots for non-Hardy load cells) and ships in a NEMA 4X polycarbonate enclosure. The enclosure features a thick-wall design, threaded brass cover (on/off) inserts, an o-ring and 'flangeless' surface mounting for a long lasting, robust, sanitary wash-down installation.

Each box comes with two packaged hole plugs and five cable grip fittings suitable for load cell cables with an outside diameter of 1/4 to 3/8 inches. A label is provided on the underside of the top cover to record load cell serial numbers and location.

SPECIFICATIONS

Max number of Load Cells

- 4

Enclosure

- Polycarbonate

PCB Dimensions

- 4.875" x 3.0"

Terminal Block

- Phoenix Terminal Block
- 7 pin, 1 row, 3.5 mm pitch
- 55 degree wire entry

Temp Range

- -10 to +60°C (14 to 140°F)

Max Current

Maximum current consumption with Integrated Technician:

- 152mA with 4 x 350 ohm load cells
- 152mA with 4 x 1100 ohm load cells

Maximum current consumption with Trimming Pots:

- 57mA with 4 x 350 ohm load cells
- 18mA with 4 x 1100 ohm load cells

Wire Diameter

- 22-24 AWG

Trim Pot Num Turns

- 11 (for use only with non-C2 or eCAL systems)

Trim Pot Impedance Range

- 0-10 Ω

Power Rating

- HI 6010IT: 3.5 - 5 VDC, Class 2, max. 236 mA
- HI 6010JB: 2-15 VDC, Class 2, max. 275 mA

Warranty

- Two-year warranty against defects in workmanship

All specifications subject to change without notice. Please contact the Hardy factory or visit our website for the latest specifications.

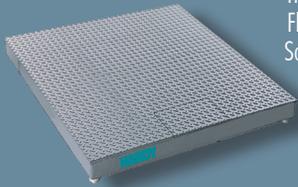
COMPONENTS TO COMPLETE YOUR HARDY SYSTEM

Hardy Bench Scales, Floor Scales and Load Points

Hardy carries a wide variety of strain gauge load points and scale bases to accommodate your application requirements.



ADVANTAGE® Series Load Point with C2 Calibration



Hardy Floor Scales

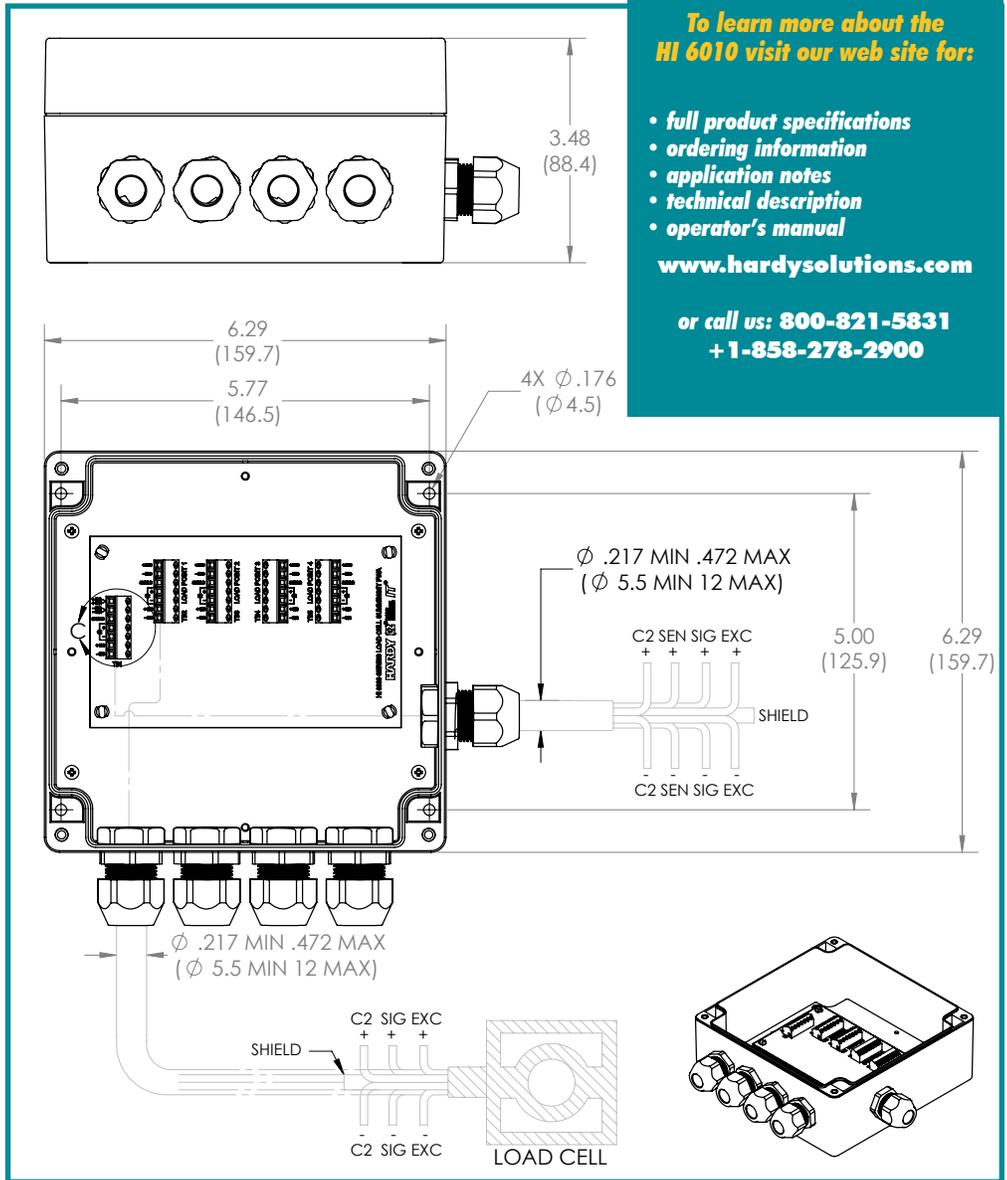
Allen-Bradley® Compatible Plug-in Weigh Scale Modules



HI 3000 Series HI 4050 Controllers and HI 6000 Series



HI 6010 SUMMING BOX OUTLINE



To learn more about the HI 6010 visit our web site for:

- full product specifications
- ordering information
- application notes
- technical description
- operator's manual

www.hardysolutions.com

or call us: 800-821-5831
+ 1-858-278-2900

MODEL #	DESCRIPTION
HI6010JB-SC1	Summing Card Only
HI6010JB-SC2*	Summing Card w/ Trim Pots
HI6010JB-PC1	Summing Card in Polymer Enclosure
HI6010JB-PC2	Summing Card in Polymer Enclosure w/ Trim Pots
HI6010IT-SC1	IT Summing Card Only
HI6010IT-SC2*	IT Summing Card w/ Trim Pots
HI6010IT-PC1	IT Summing Card in Polymer Enclosure
HI6010IT-PC2	IT Summing Card in Polymer Enclosure w/ Trim Pots

*Not for use with C2 load points

** For more than 4 load cells use two HI6020 series junction boxes/cards

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HARDY
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Measurement ■ Automation ■ Productivity

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HI 6010 Rev. D
0400-0007D, 02/19