

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® and eCAL™
 Electronic Calibration**

- Electronic calibration without test weights



INTEGRATED TECHNICIAN® (IT)

- Weighing system monitoring and troubleshooting



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®, eCAL™, 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 assemblies.

SPECIFICATIONS

Max number of Load Cells

- 4

Trim Pot Num Turns

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

Impedance Range

- 0-10 Ω

PCB Dimensions

- 4.875" x 3.0"

Connector Type

- 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

- 180mA at 250'

Max Current/Channel

- 80mA

Static Current

- 25mA

Wire Diameter

- 22-24 AWG

Warranty

- Two-year warranty against defects in workmanship

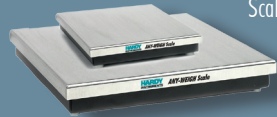
All specifications subject to change without notice. Please contact the Hardy factory or visit our website for the latest specifications.

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



ANY-WEIGH Scales

Weighing Instruments Dedicated to Your Applications
 Controllers, Weigh Modules, Transmitters

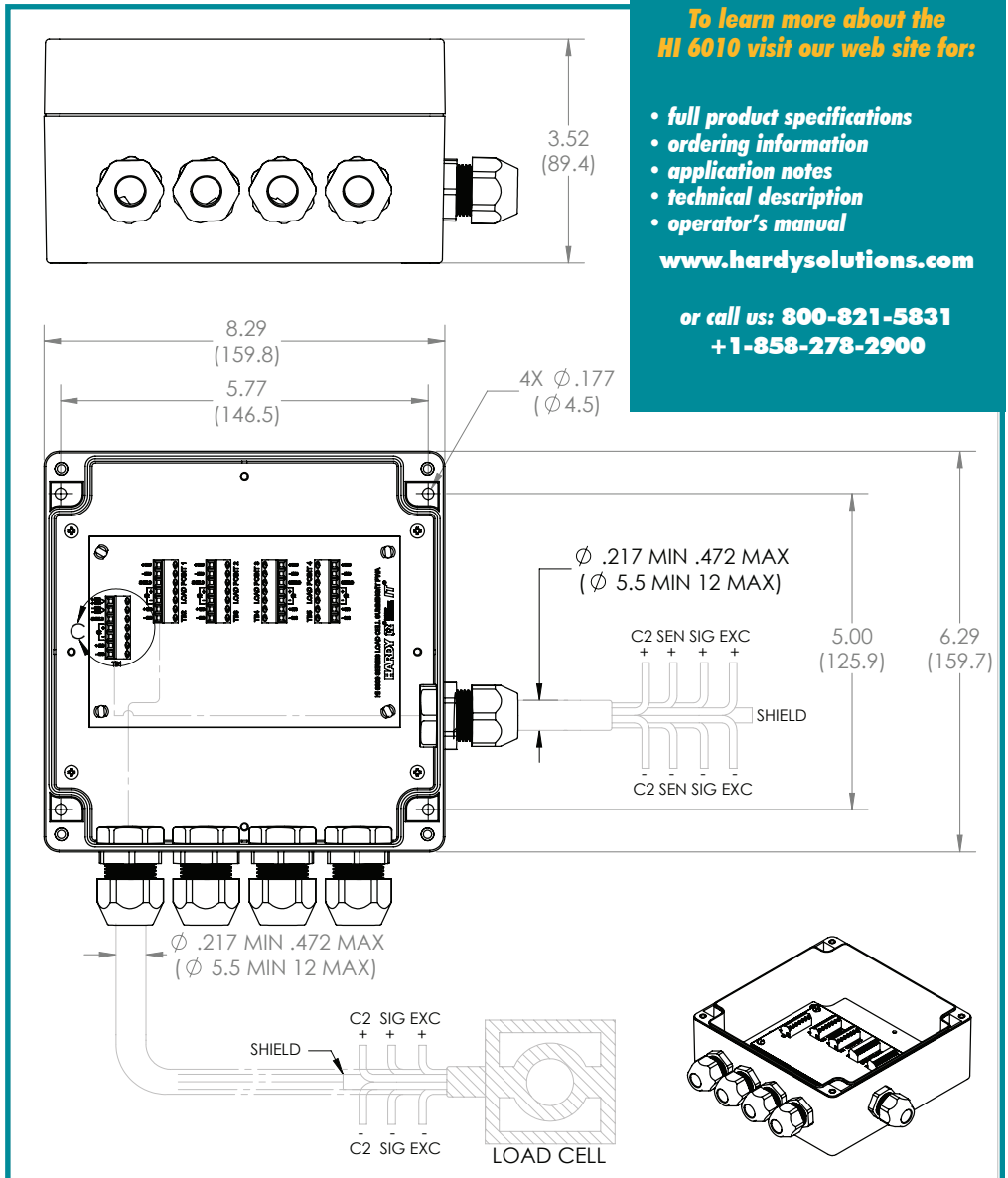
Allen-Bradley® Compatible Plug-in Weigh Scale Modules



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

HARDY
PROCESS SOLUTIONS
 Measurement ■ Automation ■ Productivity

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HI 6010
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