MODULE I-CONNECT

THE INTELLIGENT EXTENSION OF LIFTRONIC® EASY

INDEVA®

INTELLIGENT DEVICES FOR HANDLING

I-CONNECT - THE INTELLIGENT EXTENSION OF LIFTRONIC® EASY

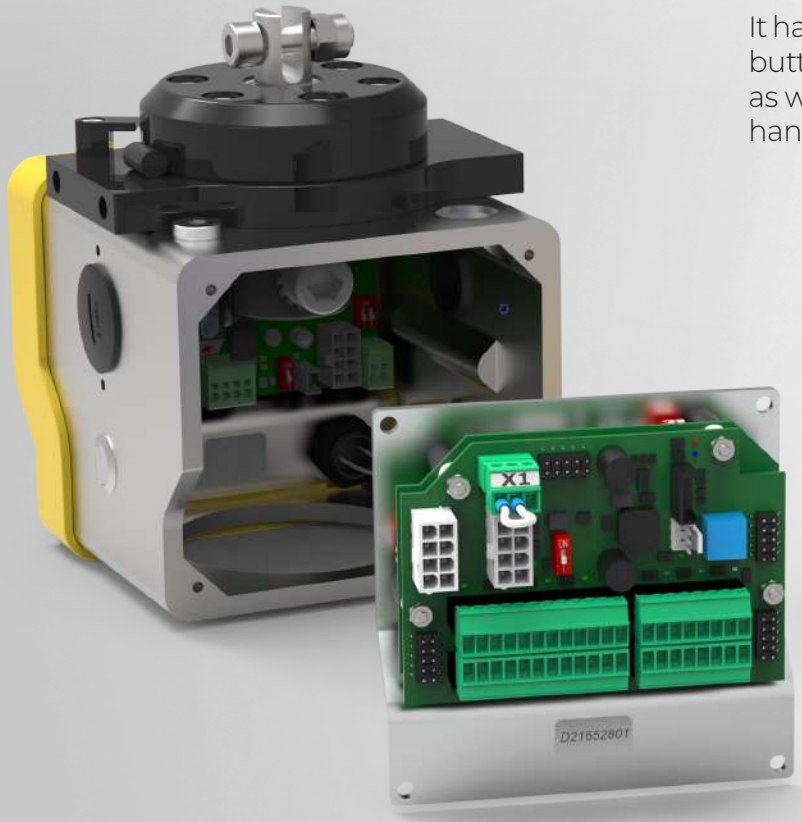
The **I-CONNECT** module is an advanced electronic unit designed to expand the possibilities for receiving and managing inputs and outputs. Thanks to this module, the LIFTRONIC®EASY balancer can **significantly extend its operational capabilities.**
The additional functions offered by **I-CONNECT** allow integrators to install custom-designed gripping equipment on the original system. In addition to standard features, the system allows, where necessary, the integration of a second sensitive handle with its photocell, the remote control of one or more buttons and the provision of +24VDC power supply for end devices.

Plug & Play integration

Connects directly to the EASY balancer without structural modifications or reprogramming, offering immediate and safe installation.

Connection flexibility

It has 5 inputs and 3 digital outputs for managing buttons, sensors, photocells and remote devices, as well as dedicated connectors for the sensitive handle and emergency stop button.



Integrated safety

Manages emergency/STOP buttons and alarm signals, automatically deactivating outputs in the event of a fault or shutdown.

Efficiency and control

Allows real-time monitoring of the status of inputs/outputs, reducing downtime and improving system productivity.

Compact and robust design

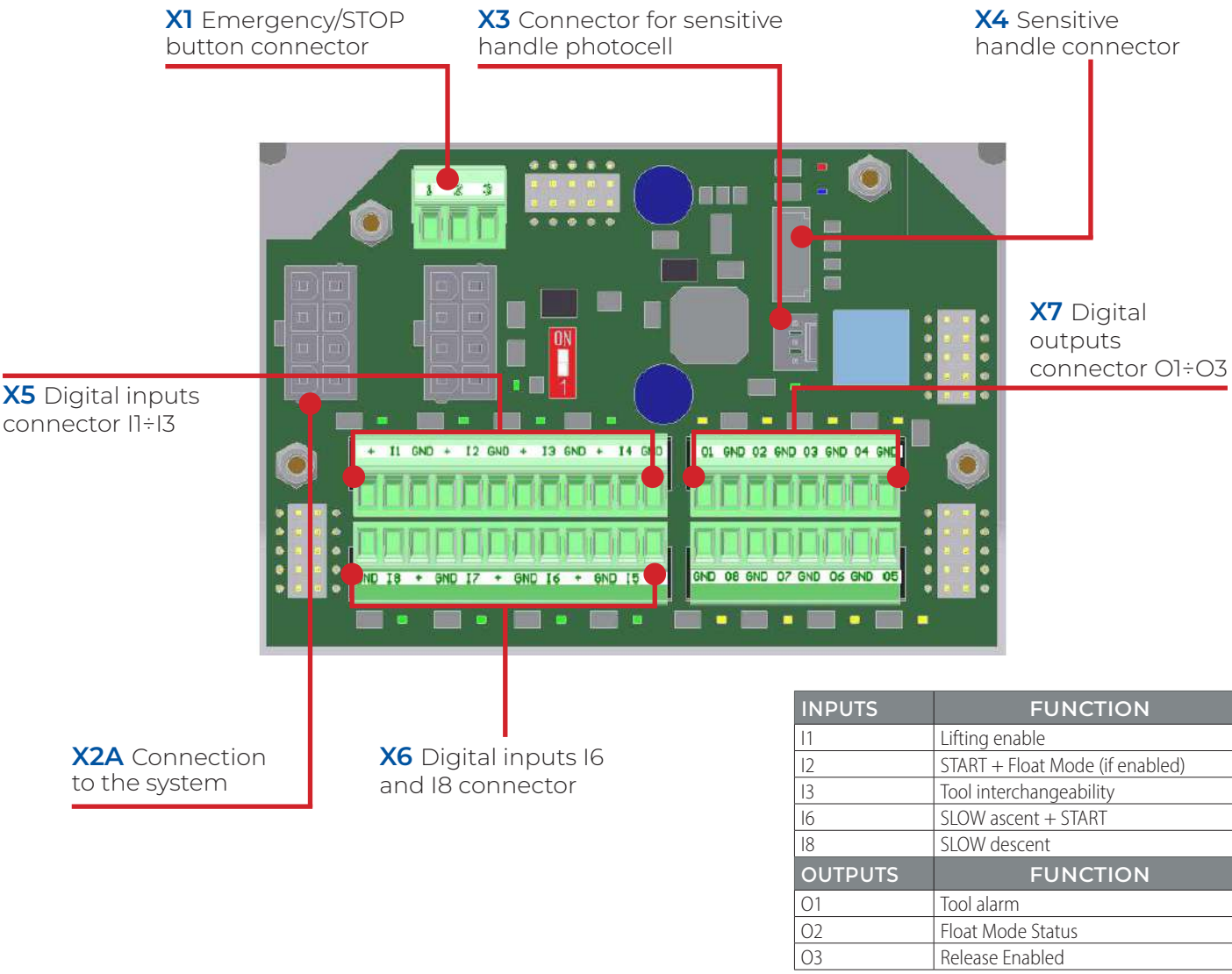
Metal construction with IP54 protection rating, perfectly integrated into the EASY6 structure.

Simple configuration

All parameters can be set directly from the balancer's touch panel: speed, loading/unloading thresholds, alarm and safety functions.

CONNECTIONS

All electrical connections on the **I-CONNECT** module are clearly organised and accessible, facilitating quick and intuitive wiring.
Each connector has a specific function, allowing the optional extras and I/O functions listed below to be integrated in an orderly and safe manner.



INPUTS	FUNCTION
I1	Lifting enable
I2	START + Float Mode (if enabled)
I3	Tool interchangeability
I6	SLOW ascent + START
I8	SLOW descent
OUTPUTS	**FUNCTION**
O1	Tool alarm
O2	Float Mode Status
O3	Release Enabled

TECHNICAL **SPECIFICATION**

FEATURE	VALUE
Voltage for external device power supply	24VDC ±5%
Maximum total current	0,5A
Protection rating	IP54 (when mounted in equipment)
Operating temperature	0 ÷ 40°C
Digital inputs	5 – ON/OFF
Digital outputs	3 – 24VDC
Dedicated connections	Touch-sensitive handle, photocell, emergency stop
Interface	EASY6 communication bus
Installation	Rear mounting Plug & Play
Software compatibility	LIFTRONIC® EASY6 with release ≥ 2.0

I-CONNECT IN ACTION PRACTICAL EXAMPLES

I-CONNECT was created to simplify what previously required long and complex projects. Thanks to its modularity, it allows low/medium complexity tooling and special tools to be produced directly on site, quickly, flexibly and repeatably.

I-CONNECT

a new way of designing special equipment: less complexity, more autonomy, shorter lead times, and a path that leads from operational needs to concrete solutions in a simpler, more measurable and scalable way.

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The products described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in the leaflet are to be considered as purely illustrative, and consequently have no contractual relevance. Remember also that the products themselves must be used by qualified personnel, in compliance with current plantengineering installation regulations, in order to avoid damage to persons or property.

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