

# CE-Certified Junction Boxes



The power of control. Automated.

## Water-tight connections for multiple mats

As part of a safety system that includes mats, MAX-series control units and Larco CE-Certified Junction Boxes offer a compact control alternative for applications in which visible indicators for operators are not needed.

Made of a durable polycarbonate, the junction boxes are designed to connect Larco presence-sensing Industrial Safety Mats in a water-tight environment. The boxes, which include integral cable grips that will accept up to 5 or 10 (depending on the box) mat cables, eliminate awkward and malfunction-prone on-the-floor mat connections. The box cover includes a Neoprene gasket to ensure a water-tight cover seal, guaranteeing your Larco Safety Mat system will perform in even the harshest industrial environments.

The Larco MAX Series Controller is designed to offer a lower-cost, mat control system for applications in which visible indicators for operators are not needed.

Larco safety mat systems have been used in a number of applications, including robotic welding, laser welding and cutting, assembly machinery, water jet machines, textile machinery and CNC punches and tube benders, just to name a few.



**2 - 10 Mat Junction Box**

When paired with a MAX-series controller, the 10-Mat Junction Box can connect from 2-10 mats. Durable and water-tight, Larco's junction boxes eliminate awkward and malfunction-prone on-the-floor mat connections.



**Max 1524 Controller or Max 2324 Controller**

## Features and Benefits

- Din Rail Mountable
- Continuous Relay Monitoring
- Control Reliable
- Meets ANSI, OSHA, RIA, and EN Safety Standards
- Manual and Automatic Reset Available
- Connects up to 10 Mats (when used in conjunction with a Larco CE Junction Box)

## 2 - 5 MATS TECHNICAL SPECIFICATIONS

Weight	1.9 lbs
Material	Acrylonitrile Butadiene Styrene (ABS)
Temperature Range	-40° F to +180° F with Standard Neoprene Gasket (-4° C to +82° C) -40° F to +266° F with Optional Silicone Gasket (-4° C to +130° C)
Protection Class	NEMA Types 1, 2, 3, 3R, 4, 4X, 5, 12 and 13 IP65
Capacity	6 Integral Cable Grips Will Accept up to 5 Larco Safety Mat Cables. 4 Plugs Provided to Seal Unused Positions
Control Cable	18/4 SVT Black 20' Cable .245" OD Wires are Designated as Black -#1, White-#2, Black-#3 and White-#4 (Same as Larco Safety Mats)
Terminal Strips	24-position Tubular Contacts. (No Wire Lugs required.) Captive Screws and Dead Front Construction Eliminate Short Circuits.

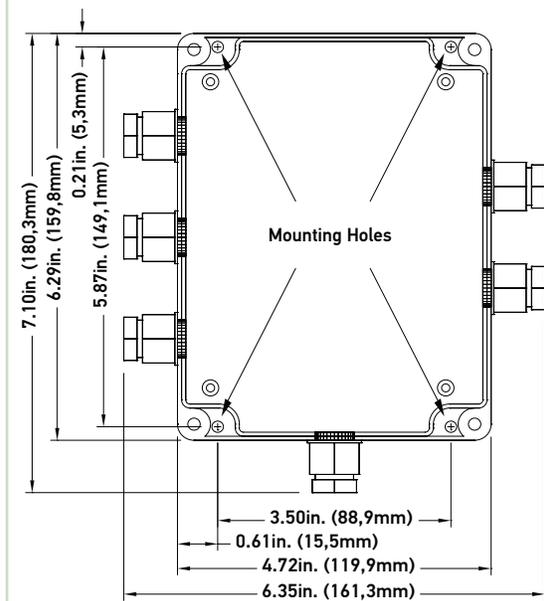
## 2 - 10 MATS TECHNICAL SPECIFICATIONS

Weight	2.7 lbs
Material	Acrylonitrile Butadiene Styrene (ABS)
Temperature Range	-40° F to +180° F with Standard Neoprene Gasket (-4° C to +82° C) -40° F to +266° F with Optional Silicone Gasket (-4° C to +130° C)
Protection Class	NEMA Types 1, 2, 3, 3R, 4, 4X, 5, 12 and 13 IP65, DIN 40050
Capacity	12 Integral Cable Grips Will Accept up to 10 Larco Safety Mat Cables. 9 Plugs Provided to Seal Unused Positions
Control Cable	18/4 SVT Black 20' cable .245" OD Wires are Designated as Black -#1, White-#2, Black-#3 and wWhite-#4 (Same as Larco Safety Mats)
Terminal Strips	48-position Tubular Contacts. (No Wire Lugs required.) Captive Screws and Dead Front Construction Eliminate Short Circuits.

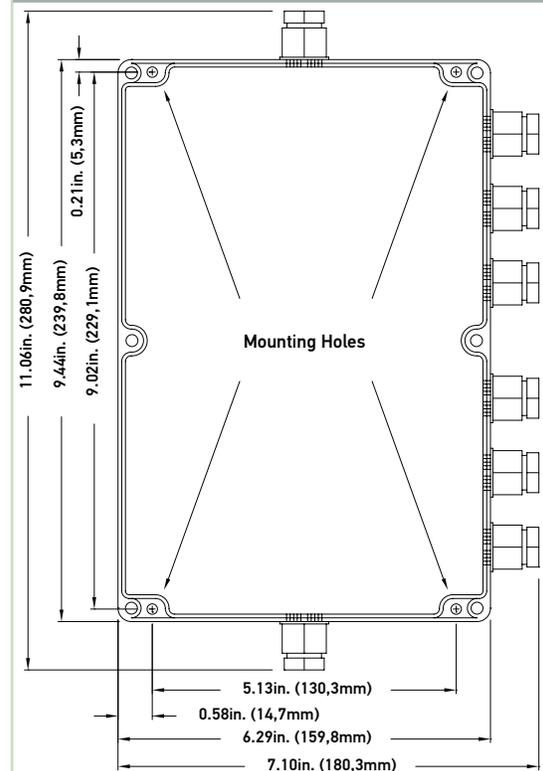
## ORDERING INFORMATION

2 - 5 Mats	Part #: CE22771100
2 - 10 Mats	Part #: CE22771110

## JUNCTION BOX FOR 2 - 5 MATS



## JUNCTION BOX FOR 2 - 10 MATS



View the full product line at [Larco.com](http://Larco.com)

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WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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