



Key Features

- Network-based, master emergency stop controller
- Capable of supporting 90 devices
- Beckhoff FSOE (Fail Safe Over Ethernet) compliant
- Bypass available for all channels
- Ability to use multiple ESAs in systems of over 90 devices
- Dedicated Estop cable not required, reducing complexity and cost

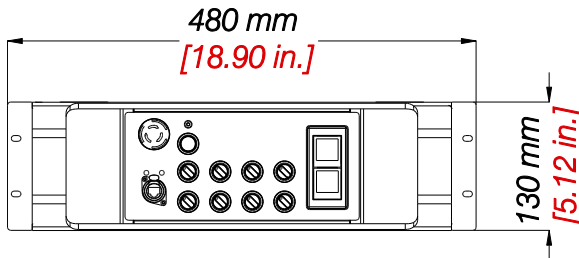
Description

TAIT's NAV:ESA is a network-based, master emergency stop controller that is capable of supporting 90 devices and is compliant with the highest safety standards. It is FSOE compliant which reduces the requirement for a separate Estop connection for external devices. Bypass is available for all channels with utilization possible only after internal safety checks are complete.

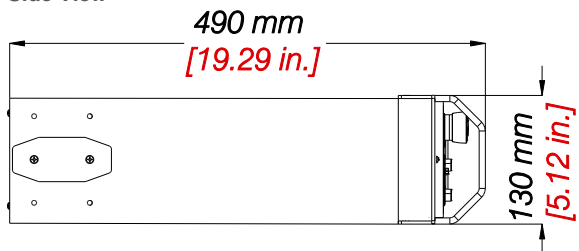
The ESA is also EN 61508 SIL 3 and ISO 13849 PLe compliant with continuous hardware and software validation. Connections are made through the same Ethernet switches and cables as used in Navigator network. The controller can interface with legacy ESE controllers using an optional expansion card.

Dimensions

Front View



Side View



Specifications

Estop Buttons	1
Input Power	100-240 VAC 50/60 Hz, 4A Max
Ethercat Connections	1
Legacy Connections	1 (optional)
Volt Free Dual Contact Safety I/O Connection Points	2
External Safety Devices Supported	90
Slave ESA Ports	2
Console Ports	2
Pendant Ports	2
ETL listed to UL/CSA 60950-I and CE Compliant	