

SAFELocal Control Station





» SAFELocal Control Station

The SAFELocal control station enables safe and easy access for local control of your pumps, actuators, and other process equipment without custom control panels. It is designed for easy wiring in the field and has excellent enclosure integrity, designed to withstand repeated use. Avoid nonstandard and complex bespoke junction boxes with the SAFELocal product that provides standard knobs, LED indicators and an E-Stop.

The compact and modular PCB reduces internal wiring complexity and provides greater field reliability. Apart from providing local controls, it serves as a junction box between your equipment and the DCS. The use of 4 mechanical relays provides an additional layer of isolation between the equipment and the DCS. Multiple local control stations can be wired together to add any desired level of safety interlock functionality (see website for examples). It can be powered from compatible process equipment or via industry standard external power (AC or DC).



» Features

- Powder coated Aluminium and Stainless-Steel versions
- Supports any process control equipment (Pump /Actuator /Motor /Instrumentation) for control and status indication
- Offers process interlock feature
- Voltage Options: 24VDC / 120VAC/230VAC
- Specially designed control knobs
- Control knob can be locked in any position using padlock for improved process safety
- Easily accessible Emergency Stop
- COM, NO & NC of all relays connected to the terminals
- Four different coloured LED indications for POWER, READY, OPEN, CLOSE (Customisable label according to application)
- Supports both Local and Remote Operation
- Works on both Actuator Power Supply and External Power Supply
- Pole/Wall/Control panel mountable
- Provides isolation between Remote and Local equipment
- PCB based design reduces wiring efforts and human errors
- PCB terminals can handle up to 5A @ 230V

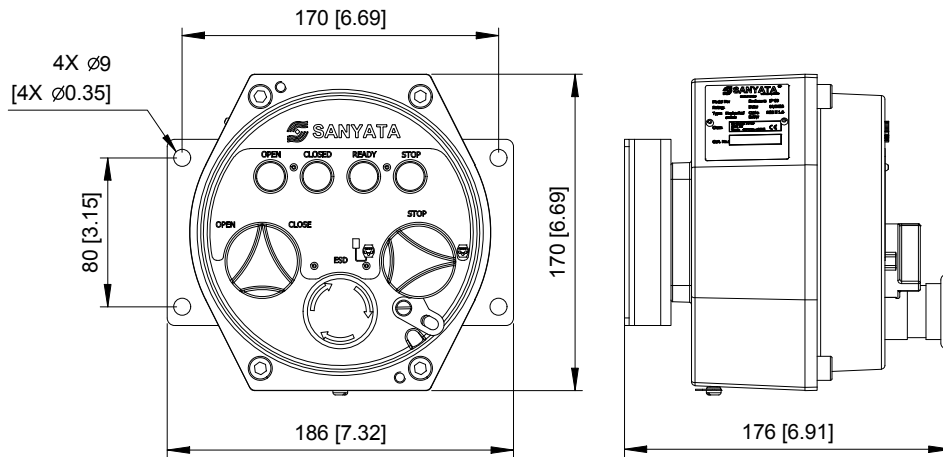
» Technical Specification

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| Enclosure | ATEX/IECEX |
| Environmental protection | IP68 |
| Temperature Range# | -40°C to +80°C (-40°F to +176°F) |
| Power supply | Actuator derived OR 24VDC/120VAC/230VAC |
| Mounting Options | Wall or pole mounted |
| Coating | Polyester powder coated |
| Conduit Entries 2 as Standard 4 as Option | M20x1.5 M25 x 1.5 1/2" NPT 3/4" NPT |
| Weight | 2.7 Kg (6.0 lbs) |





» Dimensions



Dimensions in mm [Inches]

» Standard Version

- 60 terminals available for external wiring
- 24 one to one terminals + 4 powered terminals available for customer use
- Emergency Shut Down with both NO & NC
- Additional DPDT Relay for use in a safety interlock

» Certification

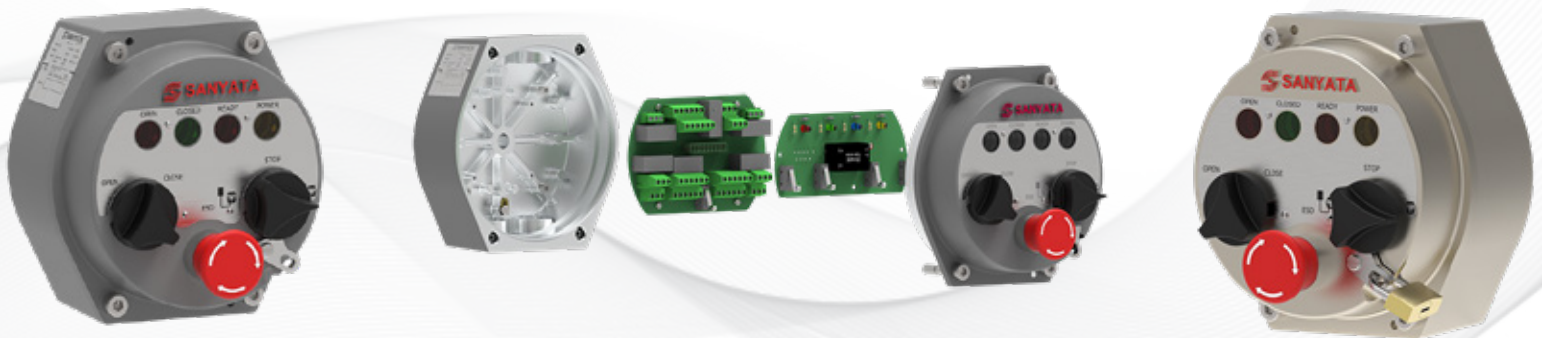
- IP 68
- CE
- Ex d, IIC, T6
- RoHS

» Basic Version

- 39 terminals for external wiring
- 14 one to one terminals + 4 powered terminals available for customer use
- No ESD, No Additional Relay

» Temperature Range

- Standard: -20°C to +80°C
- Low Temperature: -40°C to +80°C



» Product Selection Chart

SL

A

S

A

1

S

5

Model / Series

SL

Material

A – Aluminium

S – Stainless Steel

Features

S – Standard

B – Basic

Voltage

A – 230 VAC

B – 120 VAC

C – 24 VDC

Cable Entries

1: 2 Cable Entries 1/2" NPT

2: 2 Cable Entries M20 x 1.5

3: 2 Cable Entries 3/4" NPT

4: 2 Cable Entries M25 x 1.5

Temperature

S: Standard

L: Low

H: High

Coating

2: Epoxy coated (200+ Hours Salt Spray Test)

3: Duraflon PTFE coating

4: FDA Compliant Epoxy Polyester coating

5: Powder coating

» Sample Product Selection

SL-A-S-A-1-S-5 SL series SAFE Local Control Station, Aluminium housing, Standard Features, 230 VAC, 2 cable entries 1/2" NPT, Standard Temp, Powder coating.

Contact

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