

## Features

- Extremely robust + IP65/IP67/IP69K\*  
Made for infinity
- Unique + zero stress touch experience
- Customized and illuminated symbols
- Available including IO-LINK hub board inside and IODD file, connected with M12 connectors
- Emergency stop mushroom compliant with IEC 60947-5-5

## RS PRO IO-LINK Control Station

RS Stock No.: 0711265



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

*IO-LINK enclosure with programmable capacitive buttons - 2 operators + E-STOP (2NC) - UP + DOWN - IP69K - Double 5 poles M12 connector*

## General Specifications

<b>Type of actuation</b>	Capacitive
<b>Output mode</b>	PNP
<b>Contact Configuration</b>	E-STOP (2Nc) + No, No
<b>Illuminated</b>	Yes
<b>LED Colour</b>	Blue, Blue
<b>Actuator Colour</b>	E-STOP (Red and black with yellow nameplate) Black
<b>Actuator Shape</b>	Round
<b>Legend</b>	Pushbutton E-STOP: 2NC Button UP: Led color idle BLUE, Led color touch GREEN, Led mode idle STATIC, Led mode touch PULSE Button DOWN: Led color idle BLUE, Led color touch GREEN, Led mode idle STATIC, Led mode touch PULSE
<b>Case Colour</b>	Black containers and grey cover
<b>Package Contain</b>	1 x enclosure
<b>Applications</b>	Various applications

Material Characteristics	
<b>Button</b>	PC transparent, TPU black
<b>Cover</b>	Polycarbonate fibeglass reinforced
<b>Base</b>	Polycarbonate fibeglass reinforced

## Electrical Specifications

<b>Voltage Rating</b>	DC 24 V (8,4...32 V)
<b>Terminal Type</b>	2 M12 5 poles
<b>Communications interface</b>	IO-Link
<b>Control voltage</b>	E1/E2 on 80 % UV+ off 0...20 % UV+
<b>Voltage drop</b>	Max. 5 V at 200 mA
<b>Power consumption at 24 V</b>	Max. 40 mA
<b>Reverse polarity protection</b>	Protection of all cables/lines
<b>Short circuit protection</b>	Protected against short circuit and overload

<b>Contact Specifications</b>	
<b>Contact Current Rating</b>	200 mA
<b>Electrical Life</b>	100M

## Electrical Specifications E-STOP

<b>Rated insulation voltage UI</b>	125Vdc
<b>Protection against electric shock (in accordance with IEC 60536)</b>	Class II - Double insulation
<b>Pollution Degree</b>	Class II
<b>Positive opening</b>	Only in NC contacts
<b>Contact rating secondo UL508</b>	Max. 5 V at 200 mA
<b>Power consumption at 24 V</b>	Class II
<b>Rated impulse voltage Uimp contacts</b>	2.5kV
<b>Conventional thermal current in air free Ith (<math>\theta</math> min 40 ° C)</b>	2.5A
<b>Short circuit protection (Ue &lt; 500Vac - gG (gl) type fuses)</b>	4A
<b>Operating currents Ie - AC-15 (50-60 Hz) According to IEC 60947-5-1</b>	24V 4A
<b>Operating currents DC-13 According to IEC 60947-5-1</b>	24V 4A
<b>Resistance Between Contacts</b>	25 mOhm
<b>Max. switching frequency</b>	3600 Cycles/h

## Mechanical Specifications

<b>Mounting Type</b>	Four M4 screws or magnets
----------------------	---------------------------

<b>Mechanical Life</b>	100M 300k for E-STOP
<b>Actuating Force</b>	No actuating force
<b>Dimensions</b>	72.5x156xh.53 mm
<b>Weight</b>	320g

## Operation Environment Specifications

<b>Storage Temperature</b>	-30°C to 65°C
<b>Maximum Operating Temperature</b>	65°C
<b>Minimum Operating Temperature</b>	-30°C

## Protection Category

<b>IP Rating</b>	IP65
------------------	------

## Classification

<b>eCl@ss Version</b>	
<b>UNSPSC Version</b>	

## Approvals

<b>Compliance/Certifications</b>	CE
<b>Standards</b>	IEC 60947-5-1

## Similar Products

Parameters	Stock#	Stock#	Stock#	Stock#
<b>Brand</b>	RS PRO	RS PRO	RS PRO	RS PRO
<b>Type</b>				
<b>Switch Operation</b>				
<b>Contact Configuration</b>				
<b>Illuminated</b>				
<b>LED Colour</b>				

Actuator Colour				
Actuator Shape				
Legend				
Case Colour				
Material Characteristics				
Voltage Rating				
Terminal Type				
Actuator Type				
Contact AC Voltage Rating				
Contact DC Voltage Rating				
Contact Current Rating				
Insulation Resistance				
Insulation Withstand Voltage				
Dielectric Strength				
Mounting Type				
Panel Cut Out Size				
Panel Thickness				
Panel Cut Out Diameter				
Panel Cut Out Height				
Mechanical Life				
Dimensions				
Weight				
Storage Temperature				
Maximum Operating Temperature				
Minimum Operating Temperature				
IP Rating				
Electric Shock Protection Class				
Compliance/Certifications				
Applications				

## Accessory parts

Cable	174-7846
Master IO-LINK	xxxxxxxx

## DIMENSIONAL/SCHEMATIC DIAGRAMS / ILLUSTRATIONS