

# **COMEPI** Control Stations

## Comepi Control Stations – Precision, Durability, and Performance

### *Unmatched Control and Safety for Industrial Applications*

Comepi Control Stations deliver high-performance control solutions designed to optimize machine operation, safety, and efficiency in demanding industrial environments. Available in single-function, multi-function, and emergency stop (E-Stop) configurations, these control stations meet the diverse needs of industrial automation, machinery control, and safety applications. Additionally, M12 quick-connect versions allow for fast, tool-free installation, reducing wiring complexity and improving system efficiency. Whether you need basic pushbutton control, selector switches, or advanced safety mechanisms, Comepi has a solution to meet your requirements.

### Features

- **Rugged Construction** – Built with polycarbonate fiberglass reinforcement, these control stations offer high impact resistance, ensuring long-lasting performance in industrial settings.
- **Pre-Assembled Convenience** – Delivered as ready-to-install units, Comepi control stations eliminate assembly time, increasing operational efficiency.
- **Superior Protection** – Rated IP65, these stations are dust-tight and resistant to water jets, making them suitable for harsh environments.
- **Double Insulation for Safety** – Class II insulation enhances electrical safety, reducing the risk of failures.
- **Versatile Operation** – Available in momentary, maintained, and key-operated configurations, catering to various control requirements.
- **User-Friendly Design** – The ergonomic pushbuttons, knobs, and levers ensure effortless operation and precise control.
- **Quick & Secure Installation** – Can be mounted using four M4 screws or GR CA-001 magnets (not included), providing flexibility in mounting options.
- **M12 Quick-Connect Options** – Pre-wired M12 connector versions simplify installation and enable plug-and-play connectivity for industrial automation systems.

### Approvals

- cULus
- CE



**SB114-042-G**



**SB414-01B-G**

# COMET E-Stop Control Stations

**SB115-012-G****SB115-102-G**

## Approvals

- CE, cULus
- IP65



## E-Stop Selection Chart

Part Number	Price	Drawing Link	Operator Color	Operator Legend	Operator Type	Action	Operator Protection	Contact Type
<a href="#">SB115-012-G</a>	\$31.00	<a href="#">PDF</a>	Red	Arrow	Mushroom	Twist-to-release	N/A	(1) N.C.
<a href="#">SB115-013-G</a>	\$34.00	<a href="#">PDF</a>						(1) N.O. / (1) N.C.
<a href="#">SB115-015-G</a>	\$34.00	<a href="#">PDF</a>						(2) N.C.
<a href="#">SB115-102-G</a>	\$34.00	<a href="#">PDF</a>					Guarded and Padlockable	(1) N.C.
<a href="#">SB115-103-G</a>	\$37.00	<a href="#">PDF</a>						(1) N.O. / (1) N.C.
<a href="#">SB115-105-G</a>	\$37.00	<a href="#">PDF</a>						(2) N.C.

## E-Stop Specifications

<b>Mounting</b>		Four M4 screws or GR CA-001 magnets
<b>Body Material</b>		Reinforced thermoplastic
<b>Construction Form</b>		Pre-assembled enclosure
<b>Connection</b>		Screw with captive cable clamp
<b>Operating Temperature</b>		- 40 to +158°F [- 4 to 70°C]
<b>EN 60947-5-5 EN ISO 13850</b>		Compliant
<b>Reference Regulations</b>		Class II - Double insulation
<b>Degree of Protection</b>		IP65
<b>Colors</b>		Yellow cover black box
<b>Rated Insulating Voltage <math>U_i</math> [VDC]</b>		690
<b>Pollution Degree</b>		3
<b>Rated Impulsive Voltage [kV]</b>		8
<b>Short Circuit Protection (EU min 500Vac - fuses type gG (gl)) [A]</b>		10
<b>Operating Currents</b>	<b><math>I_e</math> - AC-15 (50-60 Hz) [VAC - A]</b>	24V - 10A / 240V - 6A / 400V - 4A
	<b>DC-13 [VDC - A]</b>	24V - 2.8 A / 125V - 0.55A / 250V - 0.27A
<b>Max. Switching Frequency [cycles/hr]</b>		3600
<b>Marking Terminals</b>		According to EN 60947 - 5-1
<b>Mechanical Durability</b>		0.3 (millions of operations)
<b>B10d</b>		0.6 (millions of operations)
<b>Agency Approvals</b>		CE, cULus



# COMET M12 E-Stop Control Stations

**SB115-012-G-M****SB115-105-G-M**

## Approvals

- CE, cULus
- IP65



M12 E-Stop Selection Chart									
Part Number	Price	Drawing Link	Operator Color	Operator Legend	Operator Type	Requires	Action	Operator Protection	Contact Type
<a href="#">SB115-012-G-M</a>	\$46.00	<a href="#">PDF</a>	Red	Arrow	Mushroom	5-pin female M12 cable	Twist-to-release	N/A	(1) N.C.
<a href="#">SB115-013-G-M</a>	\$51.00	<a href="#">PDF</a>							(1) N.O. / (1) N.C.
<a href="#">SB115-015-G-M</a>	\$51.00	<a href="#">PDF</a>							(2) N.C.
<a href="#">SB115-102-G-M</a>	\$50.00	<a href="#">PDF</a>						Guarded and Padlockable	(1) N.C.
<a href="#">SB115-103-G-M</a>	\$55.00	<a href="#">PDF</a>							(1) N.O. / (1) N.C.
<a href="#">SB115-105-G-M</a>	\$55.00	<a href="#">PDF</a>							(2) N.C.

M12 E-Stop Specifications		
Mounting		Four M12 screws or GR CA-001 magnets
Body Material		Reinforced thermoplastic
Construction Form		Pre-wired enclosure
Connection		M12x1.0 5-pole connector
Operating Temperature		- 40 to +158°F [- 4 to 70°C]
Degree of Protection		IP65
EN 60947-5-5 EN ISO 13850		Compliant
Reference Regulations		Class II - Double insulation
Rated Insulating Voltage $U_i$ [VDC]		125
Pollution Degree		3
Rated Impulsive Voltage [kV]		2.5
Short Circuit Protection (EU min 500Vac - fuses type gG (gl)) [A]		4
Operating Currents	$I_e$ - AC-15 (50-60 Hz) [VAC - A]	24V - 4A
	DC-13 operating currents [VDC - A]	24V - 4A
Max. Switching Frequency [cycles/hr]		3600
Marking Terminals		According to EN 60947 - 5-1
B10d		0.6 (millions of operations)
Colors		Yellow cover with black box
Mechanical Durability		0.3 (millions of operations)
Agency Approvals		CE, cULus

# COMETI Operator Selection

**ECX4101****ECX4410****ECX4102**

## Applications

- IEC 60947-5 -1

## Approvals

- IP65
- CE , UL508



### Operator Selection Chart

Part Number	Price	Drawing Link	Description	Operator Color	Operator Legend	Action	Type	
<a href="#"><u>ECX4105-91</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: white, flush, 30mm, round, plastic, operator text "START". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	White	START	Momentary	Flush	
<a href="#"><u>ECX4110-91</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: black, extended, 30mm, round, plastic, operator text "STOP". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Black	STOP		Extended	
<a href="#"><u>ECX4111</u></a>	\$3.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: red, extended, 30mm, round, plastic. Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Red	(O)			Flush
<a href="#"><u>ECX4111-01</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: red, extended, 30mm, round, plastic, operator text "(O)". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.					
<a href="#"><u>ECX4107-90</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: green, flush, 30mm, round, plastic, operator text "(I)". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Green	(I)		Flush	
<a href="#"><u>ECX4107-91</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: green, flush, 30mm, round, plastic, operator text "(II)". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.		(II)			
<a href="#"><u>ECX4106</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: red, flush, 30mm, round, plastic, operator text "(O)". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Red	(O)	N/A	Knob	
<a href="#"><u>ECX4100</u></a>	\$3.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: black, flush, 30mm, round, plastic. Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Black				Knob
<a href="#"><u>ECX4300</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi selector switch, IP65, 22mm, 2-position, maintained, operator only, thermoplastic base, thermoplastic bezel, Operator: black, knob, 30mm, round. Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.					
<a href="#"><u>ECX4320</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi selector switch, IP65, 22mm, 3-position, maintained, operator only, thermoplastic base, thermoplastic bezel, Operator: black, knob, 30mm, round. Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.					
<a href="#"><u>ECX4410</u></a>	\$13.00	<a href="#"><u>PDF</u></a>	Comepi selector switch, IP65, 22mm, 2-position, maintained, key removable left position, operator only, thermoplastic base, thermoplastic bezel, Operator: black, key-operated, 30mm, round. Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Red		Momentary	Key-operated	
<a href="#"><u>ECX4101</u></a>	\$3.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: red, flush, 30mm, round, plastic. Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.				Flush	
<a href="#"><u>ECX4102</u></a>	\$3.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: green, flush, 30mm, round, plastic. Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.					
<a href="#"><u>ECX4108-01-B</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: white, flush, 30mm, round, plastic, operator text "up arrow". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.					
<a href="#"><u>ECX4108</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: black, flush, 30mm, round, plastic, operator text "down arrow". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Black	down arrow	Momentary	Flush	
<a href="#"><u>ECX4108-01</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: black, flush, 30mm, round, plastic, operator text "up arrow". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.		up arrow			
<a href="#"><u>ECX4104-92</u></a>	\$4.00	<a href="#"><u>PDF</u></a>	Comepi pushbutton, IP65, 22mm, momentary, operator only, thermoplastic base, thermoplastic bezel, Operator: blue, flush, 30mm, round, plastic, operator text "RESET". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Blue	RESET	Twist-to-release	Mushroom	
<a href="#"><u>ECX4580</u></a>	\$14.00	<a href="#"><u>PDF</u></a>	Comepi emergency stop pushbutton, IP65, 22mm, twist-to-release, operator only, thermoplastic base, thermoplastic bezel, Operator: red, mushroom, 40mm, mushroom, plastic, operator text "arrow". Requires ECX4029-2 mounting flange and ECX10x0N-2 contact block.	Red	arrow			



# COMET Operator Specifications

Operator Specifications	
<b>Operator Diameter [mm]</b>	30
<b>Mounting Hole [mm]</b>	22
<b>Body Material</b>	Plastic
<b>Degree of Protection</b>	IP65
<b>Reference Regulations</b>	IEC 60947-5 -1 / IEC 60947-5-5
<b>Approvals</b>	CE,UL