

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
SB115-012-G	\$31.00	PDF	Red	Arrow	Mushroom	Twist-to-release	N/A	(1) N.C.
SB115-013-G	\$34.00	PDF						(1) N.O. / (1) N.C.
SB115-015-G	\$34.00	PDF						(2) N.C.
SB115-102-G	\$34.00	PDF					Guarded and Padlockable	(1) N.C.
SB115-103-G	\$37.00	PDF						(1) N.O. / (1) N.C.
SB115-105-G	\$37.00	PDF						(2) N.C.

E-Stop Specifications

Mounting		Four M4 screws or GR CA-001 magnets
Body Material		Reinforced thermoplastic
Construction Form		Pre-assembled enclosure
Connection		Screw with captive cable clamp
Operating Temperature		- 40 to +158°F [- 4 to 70°C]
EN 60947-5-5 EN ISO 13850		Compliant
Reference Regulations		Class II - Double insulation
Degree of Protection		IP65
Colors		Yellow cover black box
Rated Insulating Voltage U_i [VDC]		690
Pollution Degree		3
Rated Impulsive Voltage [kV]		8
Short Circuit Protection (EU min 500Vac - fuses type gG (gl)) [A]		10
Operating Currents	I_e - AC-15 (50-60 Hz) [VAC - A]	24V - 10A / 240V - 6A / 400V - 4A
	DC-13 [VDC - A]	24V - 2.8 A / 125V - 0.55A / 250V - 0.27A
Max. Switching Frequency [cycles/hr]		3600
Marking Terminals		According to EN 60947 - 5-1
Mechanical Durability		0.3 (millions of operations)
B10d		0.6 (millions of operations)
Agency Approvals		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
SB115-012-G-M	\$46.00	PDF	Red	Arrow	Mushroom	5-pin female M12 cable	Twist-to-release	N/A	(1) N.C.
SB115-013-G-M	\$51.00	PDF							(1) N.O. / (1) N.C.
SB115-015-G-M	\$51.00	PDF							(2) N.C.
SB115-102-G-M	\$50.00	PDF						Guarded and Padlockable	(1) N.C.
SB115-103-G-M	\$55.00	PDF							(1) N.O. / (1) N.C.
SB115-105-G-M	\$55.00	PDF							(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	Ie - AC-15 (50-60 Hz) [VAC - A]
	24V - 4A
Operating Currents	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	
<u>ECX4105-91</u>	\$4.00	<u>PDF</u>	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	
<u>ECX4110-91</u>	\$4.00	<u>PDF</u>	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	
<u>ECX4111</u>	\$3.00	<u>PDF</u>	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)
<u>ECX4111-01</u>	\$4.00	<u>PDF</u>	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.					
<u>ECX4107-90</u>	\$4.00	<u>PDF</u>	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)		(II)	
<u>ECX4107-91</u>	\$4.00	<u>PDF</u>	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.					
<u>ECX4106</u>	\$4.00	<u>PDF</u>	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)		Flush	
<u>ECX4100</u>	\$3.00	<u>PDF</u>	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	N/A	Maintained	Knob	
<u>ECX4300</u>	\$4.00	<u>PDF</u>	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.					Knob
<u>ECX4320</u>	\$4.00	<u>PDF</u>	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.					
<u>ECX4410</u>	\$13.00	<u>PDF</u>	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.					
<u>ECX4101</u>	\$3.00	<u>PDF</u>	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.	Red	Momentary	Flush	Flush	
<u>ECX4102</u>	\$3.00	<u>PDF</u>	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.	Green				
<u>ECX4108-01-B</u>	\$4.00	<u>PDF</u>	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.	White				up arrow
<u>ECX4108</u>	\$4.00	<u>PDF</u>	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
<u>ECX4108-01</u>	\$4.00	<u>PDF</u>	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			
<u>ECX4104-92</u>	\$4.00	<u>PDF</u>	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			
<u>ECX4580</u>	\$14.00	<u>PDF</u>	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	Twist-to-release	Mushroom	



COMET Operator Specifications

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