

### 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 dusttight 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

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# © ⊂ ○ Control Station Selection

Control Station Selection Chart									
Part Number	Price	Drawing Link	Operator Color	Operator Legend	Legend Plate Marking	Operator Type	Action	Contact Type	Number of Operators
SB114-011-G	\$-6gj#:	PDF	White	START		Flush	Momentary	(1) N.O.	1
<u>SB114-021-G</u>	\$-6gj?:	PDF	Dist	STOP		Extended		(1) N.O.	
SB114-022-G	\$;-6gj,:	PDF	Black	STOP		Extended		(1) N.C.	
SB114-031-G	\$-6gje:	PDF	Green	(I)		Flush		(1) N.O.	
SB114-042-G	\$-6gjn:	PDF	Red	(O)		Flush		(1) N.C.	
SB114-081-G	\$6gk8:	PDF				Flush		(1) N.O.	
<u>SB114-051-G</u>	\$6gk4:	PDF		N/A	0-1	Knob		(1) N.O.	
<u>SB114-073-G</u>	\$6gk5:	PDF	Black		O -l -2	Knob	Maintained	(2) N.O.	
<u>SB114-061-G</u>	\$6gk6:	<u>PDF</u>			0 - 1	Key-operated		(1) N.O.	
SB214-013-G	\$6gk2:	<u>PDF</u>	Black/black	up arrow and down arrow	N/A	Flush/flush	Momentary	(1) N.O. and (1) N.O.	2
SB214-024-G	\$-6gjg:	PDF		(I) and (0)		Flush/flush		(1) N.O. and (1) N.C.	
SB214-034-G	\$6gk7:	PDF	Red/green			Flush/flush		(1) N.O. and (1) N.C.	
SB214-044-G	\$6gkc:	PDF		N/A	START / STOP	Flush/extended		(1) N.O. and (1) N.C.	
SB314-017-G	\$6gji:	PDF	Green/red/ green	(I), (O) and (II)		Flush/extended/ flush		(1) N.O., (1) N.C. and (1) N.O.	3
<u>SB414-01B-G</u>	\$;-6gj[:	<u>PDF</u>	Red/white/ black/blue	arrow, up arrow, down arrow and RESET	N/A	Mushroom/flush/ flush/flush	Twist-to- release/ momentary	(1) N.C., (1) N.O., (1) N.O. and (1) N.O.	4

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## **Approvals**



• CE, cULus • IP65

Technical Specifications						
Connection		Screw with captive cable clamp				
Body Material		Polycarbonate fiberglass reinforced				
Construction Form		Pre-assembled enclosure				
Max. Switching Freque	ncy [cycles/hr]	3600				
Operating Temperature	)	- 40 to +158°F [- 4 to 70°C]				
Degree of Protection		IP65				
Protection Against Elec	ctrical Shocks	Class II - Double insulation				
Pollution Degree		3				
Rated Impulsive Voltag	je [kV]	8				
Short Circuit Protection type gG (gl)) [A]	n (EU min 500VAC - fuses	10				
Colors		Gray cover black box				
	Ie - AC-15 (50-60 Hz) [VAC - A]	24V - 10A / 240V - 6A / 400V - 4A				
Operating Currents	DC-13 operating currents [VDC - A]	24V - 2,8 A / 125V - 0.55A / 250V - 0.27A				
Marking Terminals		According to EN 60947 - 5-1				
B10d		2 (million of operations)				
Mechanical Durability		1 (millions of operations)				
Number of Holes		1 to 4				
Mounting		Four M4 screws or optional GR CA-001 magnets				
Rated Insulating Voltage	ge Ui [VDC]	690				
Agency Approvals		CE, cULus				

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SB314-017-G-M

#### **Features**

- M12 connectors
- Polycarbonate fiberglass reinforced
- Pre-assembled enclosure
- Class II Double insulation

#### **Approvals**

- CE, cULus
- IP65



M12 Control Station Selection Chart										
Part Number	Price	Drawing Link	Operator Color	Operator Legend	Legend Plate Marking	Operator Type	Action	Contact Type	Number of Operators	Pin Count
<u>SB114-011-G-M</u>	\$;-6gj!:	PDF	White	START		Flush		(A) N O		
<u>SB114-021-G-M</u>	\$6gk0:	PDF	Dist	STOP		Extended	Mamantan	(1) N.O.		
<u>SB114-022-G-M</u>	\$6gk1:	PDF	Black			Extended		(1) N.C.		
<u>SB114-031-G-M</u>	\$;-6gjf:	PDF	Green	(1)		Flush	Momentary	(1) N.O.		
<u>SB114-042-G-M</u>	\$-6gjo:	<u>PDF</u>	Red	(O)		Flush		(1) N.C.	1	
<u>SB114-081-G-M</u>	\$6gkd:	PDF		N/A	N/A	Flush		(1) N.O.		5-pin female M12 cable
<u>SB114-051-G-M</u>	\$6gk9:	PDF	Black			Knob	Maintained			
<u>SB114-073-G-M</u>	\$6gka:	PDF				Knob		(2) N.O.		
<u>SB114-061-G-M</u>	\$6gkb:	PDF				Key- operated		(1) N.O.		
<u>SB214-013-G-M</u>	\$6gk3:	PDF	Black/black	up arrow and down arrow		Flush/flush		(1) N.O. and (1) N.O.	2	
SB214-024-G-M	\$-6gjh:	PDF		(I) and (0)		Flush/flush	_	(1) N.O. and (1) N.C.		
SB214-034-G-M	\$6gke:	PDF	Red/green			Flush/flush				
SB214-044-G-M	\$;6gkf:	PDF		N/A	START / STOP	Flush/ extended				
<u>SB314-017-G-M</u>	\$6gjl:	<u>PDF</u>	Green/red/ green	(I), (O) and (II)		Flush/ extended/ flush		(1) N.O., (1) N.C. and (1) N.O.	3	8-pin female
SB414-01B-G-M	\$-6gj_:	PDF	Red/white/ black/blue	arrow, up arrow, down arrow and RESET	N/A	Mushroom/ flush/flush/ flush	Twist-to- release/ momentary	(1) N.C., (1) N.O., (1) N.O. and (1) N.O.	4	M12 cable



M12 Control Station Specifications						
Operating Currents	le - AC-15 (50-60 Hz) [VAC - A]	24V - 4A				
	DC-13 [VDC - A]	24V - 4A				
Rated Insulating Voltage Ui [VDC]		125				
Body Material		Polycarbonate fiberglass reinforced				
Construction Form		Pre-wired enclosure				
Operating Temperat	ure	- 40 to +158°F [- 4 to 70°C]				
Degree of Protection	า	IP65				
Reference Regulation	ons	Class II - Double insulation				
Pollution Degree		3				
Rated Impulsive Vol	tage [kV]	2.5				
Short Circuit Protect type gG (gl)) [A]	tion (EU min 500VAC - fuses	4				
Marking Terminals		According to EN 60947 - 5-1				
Mechanical Durabili	ty	1 (millions of operations)				
B10d		2 (millions of operations)				
Colors		Gray cover black box				
Mounting		Four M4 screws or optional GR CA-001 magnets				
Connection		M12x1.0 5-pole connector and 8-pin				
Number of Holes		1 to 4				
Agency Approvals		CE, cULus				

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