

# **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> | \$33.00 | <a href="#">PDF</a> | Red            | Arrow           | Mushroom      | Twist-to-release | N/A                     | (1) N.C.            |
| <a href="#">SB115-013-G</a> | \$36.00 | <a href="#">PDF</a> |                |                 |               |                  |                         | (1) N.O. / (1) N.C. |
| <a href="#">SB115-015-G</a> | \$36.00 | <a href="#">PDF</a> |                |                 |               |                  |                         | (2) N.C.            |
| <a href="#">SB115-102-G</a> | \$36.00 | <a href="#">PDF</a> |                |                 |               |                  | Guarded and Padlockable | (1) N.C.            |
| <a href="#">SB115-103-G</a> | \$39.50 | <a href="#">PDF</a> |                |                 |               |                  |                         | (1) N.O. / (1) N.C. |
| <a href="#">SB115-105-G</a> | \$39.50 | <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> | \$49.50 | <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> | \$55.00 | <a href="#">PDF</a> |                |                 |               |                        |                  |                         | (1) N.O./ (1) N.C. |
| <a href="#">SB115-015-G-M</a> | \$55.00 | <a href="#">PDF</a> |                |                 |               |                        |                  |                         | (2) N.C.           |
| <a href="#">SB115-102-G-M</a> | \$54.00 | <a href="#">PDF</a> |                |                 |               |                        |                  | Guarded and Padlockable | (1) N.C.           |
| <a href="#">SB115-103-G-M</a> | \$59.00 | <a href="#">PDF</a> |                |                 |               |                        |                  |                         | (1) N.O./ (1) N.C. |
| <a href="#">SB115-105-G-M</a> | \$59.00 | <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                            |