

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



Enclosure Selection and Specifications

Description

Comepi SB enclosures are made of fiberglass reinforced polycarbonate. Assembled to the Comepi command and control units, they are the ideal complement to be used as high quality human-machine interfaces. The SB line has been designed for applications in harsh environments, it can reach IP67 and IP69K protection degree, thanks also to gasket on deposit. The enclosure has numerous aesthetic, structural and use strengths, which distinguish it from the competition and place it among the top of the range.

Features/Applications

- Black body with gray cover or black body with yellow cover
- Pre-assembled enclosure
- Class II - Double insulation
- Polycarbonate fiberglass reinforced
- Mounting hardware included
- Form-in-place gasket for best sealing performance
- Rated IP67 and IP69K
- Contacts may be mounted on the enclosure body.
- May be mounted using four M4 screws or GR CA-001 magnets (not included), providing flexibility in mounting options.

Listings

- UL Listed
- CE, cULus
- IP67, IP69K



SB114



SB414

Enclosures Selection Chart

Part Number	Price	Drawing Link	Color	Description	Dimensions (HxWxD) mm [in]
SB114	\$-6gkj:	PDF	black body / gray cover	Comepi SB series pushbutton enclosure, 1 hole, 22mm, 83 x 72 x 53mm (HxWxD), wall mount, with knockouts, fiberglass-reinforced polycarbonate, black body / gray cover, screw cover.	83 x 72 x 53 [3.3 X 2.8 X 2.1]
SB115	\$6gk:	PDF	black body / yellow cover	Comepi SB series pushbutton enclosure, 1 hole, 22mm, 83 x 72 x 53mm (HxWxD), wall mount, with knockouts, fiberglass-reinforced polycarbonate, black body / yellow cover, screw cover.	
SB214	\$-6gkl:	PDF	black body / gray cover	Comepi SB series pushbutton enclosure, 2 holes, 22mm, 123 x 72 x 53mm (HxWxD), wall mount, with knockouts, fiberglass-reinforced polycarbonate, black body / gray cover, screw cover.	123 x 72 x 53 [4.8 x 2.8 x 2.1]
SB314	\$6gkn:	PDF	black body / gray cover	Comepi SB series pushbutton enclosure, 3 holes, 22mm, 156 x 72 x 53mm (HxWxD), wall mount, with knockouts, fiberglass-reinforced polycarbonate, black body / gray cover, screw cover.	156 x 72 x 53 [6.1 x 2.8 x 2.1]
SB414	\$6gko:	PDF	black body / gray cover	Comepi SB series pushbutton enclosure, 4 holes, 22mm, 189 x 72 x 53mm (HxWxD), wall mount, with knockouts, fiberglass-reinforced polycarbonate, black body / gray cover, screw cover.	189 x 72 x 53 [7.4 X 2.8 X 2.1]

Enclosures Specifications

Body Material	Polycarbonate fiberglass reinforced
Construction Form	Pre-assembled enclosure
Mounting	Fixing Four M4 screws or option of GR CA-001 magnets (not included)
Operating Temperature	- 40 to +158°F [- 4 to 70°C]
Degree of Protection	IP67, IP69K
Colors	Gray cover with black box or yellow cover with black box
Standards	CE, cULus

Connection Knockout Holes

SB114	2 M20/PG13.5, 2 M20/M25 on the sides, 2 M16 on the bottom
SB115	2 M20/PG13.5, 2 M20/M25 on the sides, 2 M16 on the bottom
SB214	2 M20/PG13.5, 2 M20/M25 on the sides, 2 M16 on the bottom
SB314	6 M20/M25 on the sides, 2 M16 on the bottom
SB414	6 M20/M25 on the sides, 2 M16 on the bottom