

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

COMEPI Contact Blocks

**ECX1030N-2****ECX1040N-2**

Approvals

- CE, cULus
- IMQ, EAC, CCC



Contact Block Selection Chart

Part Number	Price	Drawing Link	Contact Type	Description	Color
<u>ECX1030N-2</u>	\$-6gjc:	<u>PDF</u>	(1) N.C.	Comepi contact block, replacement, 22mm, (1) N.C. contact(s). Package of 2. For use with ECX4029-2 mounting flange.	Red
<u>ECX1040N-2</u>	\$-6gjd:	<u>PDF</u>	(1) N.O.	Comepi contact block, replacement, 22mm, (1) N.O. contact(s). Package of 2. For use with ECX4029-2 mounting flange.	Green

Contact Block Specifications

Positive Opening		IEC 60947-5-1
Material		Plastic
Color		Red or Green
Rated Insulation Voltage U_i		IEC 60947-1 and EN 60947-1 UL 508 and CSA C22-2 n°14 / 690
Rated Impulse withstand Voltage U_{imp} [kV]		IEC 60947-1 and EN 60947-1 / 8
Contact Rating UL 508		A600, Q300
Pollution Degree		3
Conditional Short-Circuit Current		IEC 60947-1 and EN 60947-1
Conventional Free Air Thermal Current I_{th}		IEC 60947-5-1 and EN 60947-5-1 $\theta < 40^\circ\text{C}$
Short-Circuit Protection U_e min 500Vac-gG (gl) fuses [A]		< 500 VAC – gG (gl) type fuses / 10
Rated Operational Current [IEC 60947-5-1]	e / AC-15:	24VAC - 50/60 Hz 240VAC - 50/60 Hz 400VAC - 50/60 Hz
	i_e / DC-13:	24VDC 125VDC 250VDC
Switching Frequency [cycles/hr]		3600
Resistance between Contacts		Less than or equal to 25 mΩ
Protection Degree IEC 60529 and EN 60529		IP20
Connecting Terminals		Screw with captive cable clamp 1 or 2 conductors - 0.5 to 2.5
Agency Approvals		cULus, CE