

# 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
<a href="#">ECX1030N-2</a>	\$4.00	<a href="#">PDF</a>	(1) N.C.	Comepi contact block, replacement, 22mm, (1) N.C. contact(s). Package of 2. For use with ECX4029-2 mounting flange.	Red
<a href="#">ECX1040N-2</a>	\$4.00	<a href="#">PDF</a>	(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

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