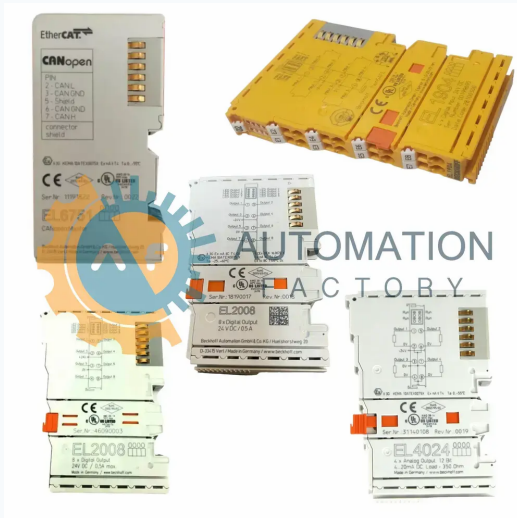




Beckhoff — EL EtherCAT Terminals

EL9070



 **In-Stock, Ships Today**

- ☒ Get a Quote in 5 minutes
- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



Secure Online
Checkout



Free Ground
Shipping



One Year
Warranty

The **EL9070** is a supply and coupling element manufactured by Beckhoff within the EL EtherCAT Terminals series. Although it contains no signal-processing electronics, it provides a mechanical and electrical interface that segments field supply lines while maintaining continuous real-time EtherCAT communication. The terminal mounts on a standard DIN rail to introduce additional power groups, decouple potential fields, or create maintenance break points inside compact automation systems. It serves as a building block for control cabinets that distribute 24 V logic and mains potentials to mixed I/O banks while meeting the wiring density requirements of modular terminal systems.

Internally, the terminal carries up to **10 A** of supply current through its power jumpers, allowing adjacent output channels to receive power without extra feed modules. Its conductor spacing and creepage distances support a maximum nominal voltage of **230 V AC**, enabling low-voltage sensors and higher-energy loads to occupy separate potential groups on one rail segment. The terminal tolerates up to **95% relative humidity without condensation**, making it suitable for enclosed installations in humid areas. The housing snaps onto DIN 60715 hardware with a mounting rail width of **35 mm**. A **variable installation position** allows the terminal to be mounted horizontally or vertically when cabinet space is limited.

The **looped-through E-bus** keeps data transmission and internal 5 V logic power continuous across the terminal, even though the unit has no additional power contact or PE contact. A conductive spring on the side wall provides the **electrical rail connection**, linking the common potential to the mounting metal and simplifying ground

Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.

reference management. Cable shielding is handled by a terminal bar with **8 shield connections**, allowing multiple shielded sensor or signal cables to be connected at the terminal assembly. The enclosure has an**IP20** protection rating, so it must be installed in a closed control cabinet while remaining accessible for wiring and maintenance.

Specifications

Additional Power Contact:	No	Current Load Capacity:	Up to 10 A	DIN Rail Integration:	Efficient
E-bus Looped Through:	Yes	Efficiency Rating:	80%	Electrical Isolation:	Up to 500 V between E bus and field potential
Grounding Connections:	8	Housing Width:	12 mm	Input Voltage:	120-240 VAC
Installation Position:	Variable	Internal Shielding Material:	Copper	Max Current Load:	10 A
Max Nominal Voltage:	230 V AC	Max Relative Humidity:	95%	Mounting Rail Width:	35 mm
Mounting Type:	Direct mounting on DIN rail	Nominal Voltage:	Up to 230 V AC	Operating Temperature:	0°C to 45°C
Pe Contact:	No	Power Output:	500 W	Protection Class:	IP20
Rail Electrical Connection:	Yes	Safety Certification:	UL, CE	Shield Connections:	8
Last Verified:	10/23/2026 2:36 PM				

Contact Us

-  1620 Old Apex Road, Cary, NC 27513, USA
-  **Toll Free:** [1-888-551-3082](tel:1-888-551-3082)
-  **International:** [1-919-443-0207](tel:1-919-443-0207)
-  **Fax:** [1-919-867-6204](tel:1-919-867-6204)
-  **Email:** sales@wakeindustrial.com

Shipping Options



Payment Methods



Automation Factory sells factory new and pre-owned surplus products and maintains channels to procure supply. Automation Factory is not affiliated with nor an authorized distributor or representative of any manufacturers, brands or products listed. Designated trademarks, brand names, and brands appearing herein are the property of their respective owners.