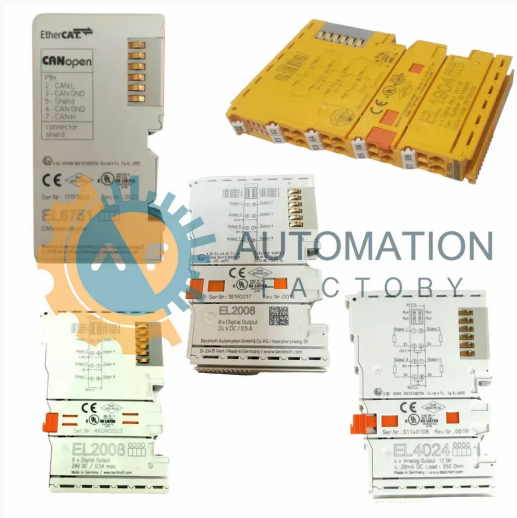


Beckhoff — EL EtherCAT Terminals

EL9210-0018



 **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 **EL9210-0018** power supply terminal is produced by Beckhoff as part of the EL EtherCAT Terminals series. It delivers conditioned auxiliary voltage to downstream nodes while passing the fieldbus through unchanged, so distributed I/O stations can be segmented without external wiring blocks. Within an industrial automation cabinet, the terminal occupies a single slot and provides fused protection, status indication, and ground continuity for 24 V control circuits that feed sensors, actuators, and compact drive controllers.

The terminal accepts a nominal control voltage of **24 V DC**, which is the reference level it distributes to connected loads. Each power contact can carry up to **10 A**, allowing sizable current reserves for parallel devices on the same rail. Internal electronics draw only **90 mA** from the EtherCAT E-bus, so the module places a minimal burden on the upstream coupler. A replaceable fuse rated at **6.3 A** limits the outgoing branch current and isolates faults before upstream components are affected. The housing meets protection class **IP20**, which restricts use to closed electrical enclosures where accidental contact with live parts is prevented.

Only **2 bits** are required in the process image, with one used for status and the other used for error acknowledgment, so PLC memory consumption is negligible. The **variable installation orientation** allows the terminal to be mounted horizontally or vertically without derating. The terminal has **1 additional power contact** that extends the supply rail to the next terminal. Its **Renewed Infeed** function reinjects the 24 V line after a galvanic separation point. Diagnostic data are forwarded because diagnosis in the process image is enabled. The E-bus is looped through for uninterrupted communication, while an error LED provides local fault signaling. A PE

contact bonds the protective earth, and no dedicated mounting rail connection is needed beyond the standard DIN foot.

Specifications

Additional Power Contact:	1	Bit Width In The Process Image:	2	Connection Facility To Additional Power Contact:	1
Current Consumption E-bus:	Typical 90 mA	Current Load:	<= 10 A	Defect Led:	Red
Diagnosis In Process Image:	Yes	Diagnostics In The Process Image:	Yes	E-bus Current:	90 mA
E-bus Looped Through:	Yes	Error Led:	Yes	Fuse Rating:	6.3 A
Housing Width:	12 mm	Installation Position:	Variable	Integrated Fine-wire Fuse:	6.3 A
Mounting Rail Connection:	No	Nominal Voltage:	24 VDC	Pe Contact:	Yes
Power Contact Current:	10 A	Power Led:	Green	Process Image Width:	2 Bits
Protection Class:	IP20	Renewed Infeed:	Yes	Reported To E-bus:	Yes
Last Verified:	10/23/2026 9:35 AM				

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.