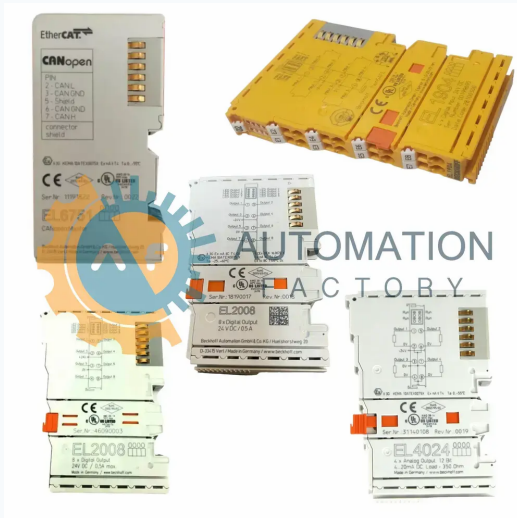




Beckhoff — EL EtherCAT Terminals

EL9400

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The **EL9400** power feed terminal is produced by Beckhoff for the EL EtherCAT Terminals series. As a supply module, it introduces a new 24 V power source into an EtherCAT segment and routes that voltage to downstream I/O devices while maintaining the E-bus communication path. The component is used wherever a long terminal string needs an additional infeed point so that distributed sensors, actuators, and logic modules continue to receive a stable supply. The incoming control voltage is **24 VDC**, and the internal power contacts can carry up to **10 A** to adjacent terminals without additional wiring. The E-bus supports a maximum output of **2 A**, keeping the communication line and integrated electronics within their allowable load limits. An enclosure classification of **IP20** provides protection against finger contact but not against dripping water, making the terminal suitable for installation in a closed control cabinet. For electromagnetic compatibility, the terminal conforms to **EN 61000-6-2** and **EN 61000-6-4**, allowing it to operate near industrial noise sources without functional degradation. No electrical rail contact is provided, so the supply is isolated to the spring-clamp connectors on the terminal face.

The terminal has **one additional power contact** that links the refreshed supply to the common 0 V line, and a PE connection provides protective grounding. A locking clip supports snap-on installation over **35 mm** steel or aluminum DIN rail tracks. Its **variable installation position** allows the unit to be mounted horizontally or vertically without derating. Mechanical integrity under dynamic loads complies with **EN 60068-2-6** and **EN 60068-2-27**, covering the vibration and shock encountered in machine frames. The renewed infeed function is enabled, but the terminal does not include an onboard diagnostic channel, so its status must be determined through upstream

control logic.

Specifications

Additional Power Contact:	1	Approvals/markings:	CE, CCC, UL, ATEX, IECEx	Diagnosis:	No
E-bus Output Current:	2 A	Emc Immunity/emission:	conforms to EN 61000-6-2/EN 61000-6-4	Emc Standard:	EN 61000-6-2 / EN 61000-6-4
Housing material:	Polycarbonate	Input Current:	typ. 70 mA + (E-bus/4)	Input Voltage:	24 VDC
Installation:	On 35 millimeters DIN rail	Installation Position:	Variable	LED display:	Present
Operating Temperature:	0...55°C	Output Current:	2 A	Output Voltage:	5 V for E-bus supply
Pe Contact:	Yes	Power Contact Current:	10 A	Power Contact Voltage:	24 VDC
Power Contacts:	max. 24 V DC/max. 10 A	Protect. Rating/installation Pos.:	IP20/variable	Protection Class:	IP20
Rail Electrical Contact:	No	Rail Mounting:	35 mm	Renewed Infeed:	Yes
Storage Temperature:	-25...+85°C	Vibration/shock Resistance:	conforms to EN 60068-2-6/EN 60068-2-27	Vibration/shock Standard:	EN 60068-2-6 / EN 60068-2-27
Weight:	approx. 65 g	Last Verified:	10/24/2026 3:27 AM		

Contact Us

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