



EL9400, EL9410 | Power supply terminals for E-bus

The EL9400 and EL9410 power supply terminals are used to refresh the E-bus. Data is exchanged between the coupler and the EtherCAT Terminal over the E-bus. Each terminal draws a certain amount of current from the E-bus (see "current consumption E-bus" in the technical data). This current is fed into the E-bus by the relevant coupler's power supply unit. In configurations with a large number of terminals it is possible to use the EL9400/EL9410 in order to supply an extra 2 A to the E-bus. As opposed to the EL9400, the EL9410 has a diagnostic function which is displayed by LED and on the process image.

Technical data	EL9400 ES9400	EL9410 ES9410
Input voltage	24 V DC	
Output voltage	5 V/2 A for E-bus supply	
Power contacts	24 V DC max./10 A max.	
Diagnostics	–	via LED and in the process image
Weight	approx. 65 g	
Operating/storage temperature	0...+55 °C/-25...+85 °C	
Relative humidity	95 %, no condensation	
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27/29	
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4	
Protect. class/installation pos.	IP 20/variable	
Pluggable wiring	for all ESxxxx terminals	
Further information	www.beckhoff.com/EL9400	