



EL9512 | Power supply terminal 12 V DC

The EL9512 power supply unit terminal generates an output voltage of 12 V DC from the 24 V DC input voltage. The output voltage can be accessed at the terminal. The following EtherCAT Terminals are also supplied with this voltage via the power contacts. The power LEDs indicate the terminals' operating state; the overcurrent LED indicates short circuit or overcurrent. The input voltage and the output voltage U_o are not electrically isolated.

Technical data	EL9512 ES9512
Technology	power supply terminal with diagnostics and overcurrent LED
Short-circuit-proof	yes
Input voltage	24 V DC (-15 %/+20 %)
Output voltage	12 V DC \pm 1 %
Output current	0.5 A
Current consumption E-bus	90 mA
Electrical isolation	500 V (E-bus/field potential)
Residual ripple	< 5 mV
Insulation voltage input/output	–
Diagnostics in the process image	yes
Special features	stabilised output voltage
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
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
Approvals	CE, UL, Ex