



## EL2022, EL2032 | 2-channel digital output terminals 24 V DC, 2 A

The EL2022 and EL2032 digital output terminals connect the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. The EtherCAT Terminals offer short-circuit protection of the outputs and contain two channels that indicate their signal state by means of light emitting diodes.

The EL2032 enables direct connection of two 3-wire actuators; diagnostic LEDs and input bits indicate short circuits and wire breakage.

Technical data	EL2022   ES2022	EL2032   ES2032
Number of outputs	2	
Rated load voltage	24 V DC (-15 %/+20 %)	
Load type	ohmic, inductive, lamp load	
Max. output current	2.0 A (short-circuit-proof) per channel	
Reverse voltage protection	yes	
Breaking energy	< 1.7 J/channel	
Switching times	T <sub>ON</sub> : 40 µs, T <sub>OFF</sub> : typ. 200 µs	
Current consumption E-bus	typ. 100 mA	
Electrical isolation	500 V <sub>rms</sub> (E-bus/field potential)	
Current consumption power contacts	typ. 9 mA + load	typ. 13 mA + load
Bit width in the process image	2 outputs	2 outputs, 2 inputs (diagnostics)
Configuration	no address or configuration setting	
Weight	approx. 55 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/EL2022	