



EL2032 | 2-channel digital output terminal 24 V DC, 2 A

The EL2032 digital output terminal connects the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. The EtherCAT Terminal offers short-circuit protection of the outputs and contains 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	EL2032 ES2032
Connection technology	4-wire
Number of outputs	2
Rated load voltage	24 V DC (-15 %/+20 %)
Load type	ohmic, inductive, lamp load
Distributed clocks	–
Max. output current	2.0 A (short-circuit-proof) per channel
Short circuit current	typ. < 70 A
Reverse voltage protection	yes
Breaking energy	< 1.7 J/channel
Switching times	typ. T _{ON} : 40 µs, typ. T _{OFF} : 200 µs
Current consumption E-bus	typ. 100 mA
Electrical isolation	500 V (E-bus/field potential)
Current consumption power contacts	typ. 13 mA + load
Bit width in the process image	2 outputs, 2 inputs (diagnostics)
Configuration	no address or configuration setting
Weight	approx. 55 g
Operating/storage temperature	-25...+60 °C/-40...+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