



EL2124 | 4-channel digital output terminal 5 V DC

The EL2124 digital output terminal connects the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. The load current outputs of the EL2124 are protected against overload and short circuit. The EtherCAT Terminal has four channels that indicate their signal state via light emitting diodes.

Technical data	EL2124 ES2124
Connection technology	2-/3-wire
Number of outputs	4
Nominal voltage	5 V DC
Rated load voltage	5 V DC
Load type	ohmic, lamp load
Distributed clocks	–
Max. output current	±20 mA (short-circuit proof) per channel, type CMOS output/push-pull
Reverse voltage protection	–
Breaking energy	–
Switching times	typ. T _{ON} : < 1 μs, typ. T _{OFF} : < 1 μs
Current consumption E-bus	typ. 130 mA
Electrical isolation	500 V (E-bus/field potential)
Current consumption power contacts	typ. 12 mA + load
Special features	fast 5 V output
Weight	approx. 70 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