



EL1144 | 4-channel digital input terminal 12 V DC

The EL1144 digital input terminal acquires the binary control signals and transmits them, in an electrically isolated form, to the higher-level automation unit. The EtherCAT Terminal contains four channels that indicate their signal state by means of light emitting diodes.

Technical data	EL1144 ES1144
Connection technology	2-/3-wire
Number of inputs	4
Nominal voltage	12 V DC
"0" signal voltage	< 2.4 V
"1" signal voltage	> 8.5 V
Input current	typ. 3.0 mA
Input filter	typ. 10 μ s
Distributed clocks	–
Current consumption power contacts	typ. 14 mA + load
Current consumption E-bus	typ. 90 mA
Electrical isolation	500 V (E-bus/field potential)
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
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Pluggable wiring	for all ESxxx terminals
Approvals	CE, UL, Ex