



## i EL1712 | 2-channel digital input terminal 120 V AC/DC

The EL1712 digital input terminal acquires the binary control signals from the process level and transmits them, in an electrically isolated form, to the higher-level automation unit. It is possible to connect 120 V AC/DC actuators directly. The EtherCAT Terminal contains two channels that indicate their signal state by means of light emitting diodes.

Technical data	EL1712   ES1712
Connection technology	4-wire
Number of inputs	2
Nominal voltage	120 V AC/DC
"0" signal voltage	0...40 V
"1" signal voltage	80...140 V
Input current	> 3 mA, typ. 6 mA
Input filter	typ. 10 ms
Distributed clocks	–
Switching times	10 ms
Current consumption power contacts	–
Current consumption E-bus	typ. 110 mA
Electrical isolation	500 V (E-bus/mains voltage); 3750 V AC, 1 min.
Bit width in the process image	2 inputs
Configuration	no address or configuration setting
Special features	also suitable for 120 V DC
Weight	approx. 60 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



### Product announcement

estimated market release on request