



i EL1722 | 2-channel digital input terminal 120...230 V AC

The EL1722 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/230 V AC actuators directly. The EtherCAT Terminal contains two channels that indicate their signal state by means of light emitting diodes. The EL1722 does not have any power contacts. This makes it possible to create individual potential groups. The voltage between input 1 and input 2 must not exceed 230 V AC.

Technical data	EL1722 ES1722
Connection technology	2-wire
Number of inputs	2
Nominal voltage	120/230 V AC
"0" signal voltage	0...40 V
"1" signal voltage	79...260 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	no power contacts
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