



## EL1712-0020 | 2-channel digital input terminal 120 V DC

The EL1712-0020 digital input terminal acquires binary control signals from the process level and transmits them, electrically isolated, to the higher-level automation device. Direct connection of DC actuators is possible. The EtherCAT Terminal offers two channels that indicate their signal state via light emitting diodes.

Technical data	EL1712-0020   ES1712-0020
Connection technology	4-wire
Number of inputs	2
Nominal voltage	120 V DC
"0" signal voltage	0...40 V
"1" signal voltage	80...140 V
Input current	typ. 3.0 mA
Input filter	typ. 3.0 ms
Distributed clocks	–
Current consumption power contacts	load-dependent
Current consumption E-bus	typ. 90 mA
Electrical isolation	500 V (E-bus/field potential)
Special features	also suitable for 120 V DC
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