



EL1904 | 4-channel digital input terminal, TwinSAFE, 24 V DC

The EL1904 EtherCAT Terminal is a digital input terminal for sensors with potential-free contacts for 24 V DC. The EtherCAT Terminal has four fail-safe inputs.

Technical data	EL1904
Connection technology	1-/2-wire
Number of inputs	4
Protocol	TwinSAFE/Safety over EtherCAT
Response time	typ. 4 ms (read input/write to E-bus)
Fault response time	≤ watchdog time (parameterisable)
Current consumption power contacts	see documentation
Current consumption E-bus	typ. 200 mA
Installation position	horizontal
Safety standard	DIN EN ISO 13849-1:2008 (Cat. 4, PL e) and EN 61508:2010 (SIL 3)
Weight	approx. 50 g
Protection class	IP 20
Approvals/markings	Overview of TwinSAFE Certifications (PDF)
Ex marking	II 3 G Ex nA IIC T4 Gc
Download EtherCAT slave information (ESI)	ESI config file EL19xx (ZIP)