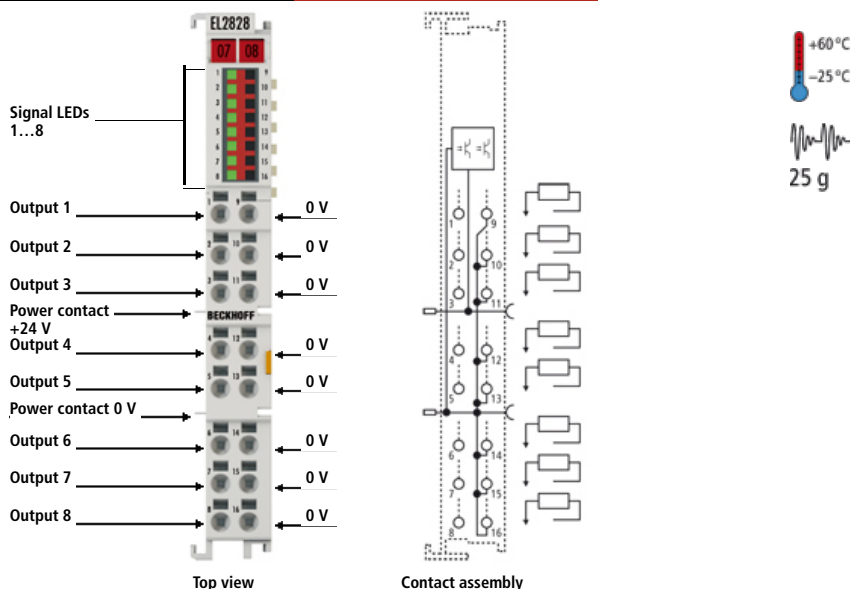




EL2828 | HD EtherCAT Terminal, 8-channel digital output 24 V DC, 2 A

The 8-channel EL2828 digital output terminal connects the binary control signals from the electrically isolated automation device on to the actuators at the process level. The EL2828 is protected against polarity reversal and processes load currents with outputs protected against overload and short-circuit. The HD EtherCAT Terminal contains eight 2 A channels, consisting of signal output and 0 V, whose signal state are indicated by light emitting diodes. The power contacts are looped through. In the EL2828 the outputs are fed via the 24 V power contact. The conductors can be connected without tools in the case of single-wire conductors using a direct plug-in technique. The maximum total output current of the terminal is 10 A.

Technical data	EL2828
Connection technology	2-wire
Number of outputs	8
Rated load voltage	24 V DC (-15 %/+20 %)
Load type	ohmic, inductive, capacitive
Distributed clocks	–
Max. output current	2 A per channel (Σ 10 A)
Short circuit current	< 40 A typ.
Reverse voltage protection	yes
Breaking energy	< 1.2 J/channel
Switching times	typ. T_{ON} : 60 μ s, typ. T_{OFF} : 250 μ s
Current consumption E-bus	typ. 110 mA
Electrical isolation	500 V (E-bus/field potential)
Current consumption power contacts	typ. 15 mA + load
Bit width in the process image	8 outputs
Configuration	no address or configuration setting
Weight	approx. 70 g
Operating/storage temperature	-25...+60 °C/-40...+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/vertical
Approvals	CE, UL

Related products	
KL2828	HD Bus Terminal, 8-channel digital output 24 V DC, 2 A