



## EL9181 | Potential distribution terminal with 16 terminal connections

The potential distribution terminal EL9181 provides 16 terminal points for potential distribution and enables the voltage to be picked up without further terminal blocks or wiring. The power contacts are fed through to the next terminal without connecting to the terminal points.

The HD EtherCAT Terminals (High Density) with increased packing density feature 16 connection points in the housing of a 12 mm EtherCAT Terminal. The conductors can be connected without tools in the case of solid wires using a direct plug-in technique.

Technical data	EL9181
Technology	potential distribution terminal
Number of separate potentials	2
Terminal points per potential	8
Nominal voltage	≤ 60 V AC/DC
Current load	max. 10 A
Diagnostics in the process image	–
Power LED	–
Defect LED	–
Current consumption E-bus	–
E-bus looped through	yes
Power contacts_looped_through	yes (2 power contacts)
Bit width in the process image	–
Electrical connection to DIN rail	–
Electrical connection to power contacts	–
Electrical isolation	500 V (E-bus/field potential)
Configuration	no address or configuration setting
Special features	2 x 8-way bridge
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
Approvals	CE, UL