



EL9189 | HD EtherCAT Terminal, 16-channel potential distribution

The EL9189 potential distribution terminal provides 16 terminal points with a potential and enables the voltage to be picked up without further bus terminal blocks or wiring.

The conductors can be connected without tools in the case of solid wires using a direct plug-in technique.

The HD EtherCAT Terminals (High Density) with increased packing density feature 16 connection points in the housing of a 12 mm terminal block.

Technical data	EL9189
Technology	potential distribution terminal
Number of outputs	e.g.: 16 x 0 V contact
Current load	≤ 10 A
Power LED	–
Defect LED	–
Renewed infeed	yes
Current consumption E-bus	–
Nominal voltage	≤ 60 V
Integrated fine-wire fuse	–
Electrical isolation	500 V (E-bus/field potential)
Diagnostics in the process image	–
Reported to E-bus	–
PE contact	–
Shield connection	–
Bit width in the process image	0
Electrical connection to DIN rail	–
Housing width in mm	12
Side by side mounting on EtherCAT Terminals with power contact	yes, left without PE
Side by side mounting on EtherCAT Terminals without power contact	yes
Special features	direct plug-in technique
Conductor types	solid wire, stranded wire and ferrule
Conductor connection	solid wire conductors: direct plug-in technique; stranded wire conductors and ferrules: spring actuation by screwdriver
Rated cross-section	solid wire: 0.08...1.5 mm ² ; stranded wire: 0.25...1.5 mm ² ; ferrule: 0.14...0.75 mm ²
Weight	approx. 60 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C
Approvals	CE, UL, Ex