



EL9184 | HD EtherCAT Terminal, 16-channel potential distribution

The EL9184 potential distribution terminal provides the potential of the 24 V DC contact at 8 terminal points and the potential of the 0 V contact at 8 terminal points.

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	EL9184
Technology	potential distribution terminal
Number of outputs	e.g.: 8 x 24 V contact, 8 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	–
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