

EL9187 | EtherCAT Terminal, potential distribution, 8 x 0 V DC

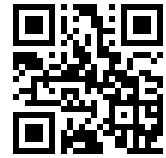
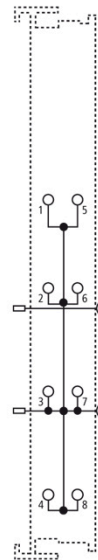
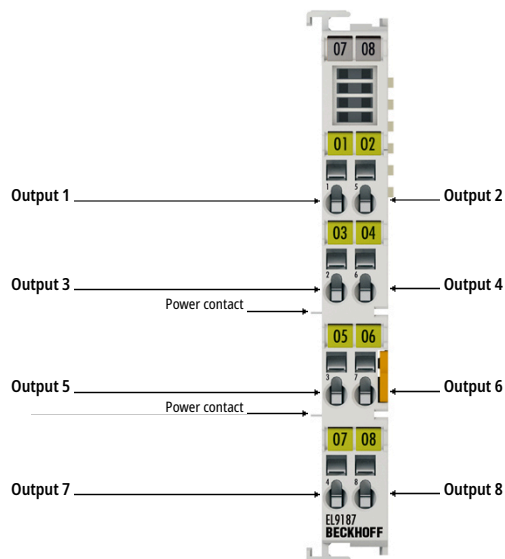


 Image similar, may contain optional accessories



EL9187 | EtherCAT Terminal, potential distribution, 8 x 0 V DC

i **Product status:** regular delivery

The EL9187 potential distribution terminal provides 8 terminal points with the 0 V potential at the front on the terminal contacts. The 0 V power contact is connected to the front-side terminal contacts and is passed through to the adjacent terminal. The 24 V power contact is not connected to the front-side terminal contacts and is passed through to the adjacent terminal. With the EL9187, the use of additional terminal blocks on the terminal strip can be reduced.

Product information

Technical data

Technical data	EL9187
Technology	potential distribution terminal
Number of outputs	e.g.: 8 x 0 V contact
Current load	≤ 10 A
Nominal voltage	≤ 60 V DC/≤ 30 V AC
Electrical isolation	500 V (E-bus/field potential)
Connection facility to additional power contact	8

Technical data	EL9187
Bit width in the process image	0
Housing width	12 mm
Side by side mounting on EtherCAT Terminals with power contact	yes, left without PE
Weight	approx. 50 g
Operating temperature	-25...+60°C
Storage temperature	-40...+85°C
Pluggable wiring level	for all ESxxxx terminals
Approvals/markings	CE, CCC, UL, ATEX, IECEx, cFMus
Ex marking	ATEX: II 3G Ex ec IIC T4 Gc IECEx: Ex ec IIC T4 Gc cFMus: Class I, Division 2, Groups A, B, C, D Class I, Zone 2, AEx ec IIC T4 Gc

Housing data	EL-12-8pin	ES-12-8pin
Design form	compact terminal housing with signal LEDs	terminal housing with pluggable wiring level
Material	polycarbonate	
Installation	on 35 mm DIN rail, conforming to EN 60715 with lock	
Side by side mounting by means of	double slot and key connection	
Marking	labeling of the BZxxxx series	
Wiring	solid conductor (s), flexible conductor (st) and ferrule (f): spring actuation by screwdriver	
Connection cross-section	s*: 0.08...2.5 mm ² , st*: 0.08...2.5 mm ² , f*: 0.14...1.5 mm ²	s*: 0.08...1.5 mm ² , st*: 0.08...1.5 mm ² , f*: 0.14...1.5 mm ²
Connection cross-section AWG	s*: AWG28...14, st*: AWG28...14, f*: AWG26...16	s*: AWG28...16, st*: AWG28...16, f*: AWG26...16
Stripping length	8...9 mm	9...10 mm
Current load power contacts	I _{max} : 10 A	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	

*s: solid wire; st: stranded wire; f: with ferrule

Ordering information

Ordering information	
EL9187	EtherCAT Terminal, potential distribution, 8 x 0 V DC

Ordering information

ES9187

EtherCAT Terminal, potential distribution, 8 x 0 V DC, pluggable wiring level
