

# EL9186 | Potential distribution terminal, 8 x 24 V DC

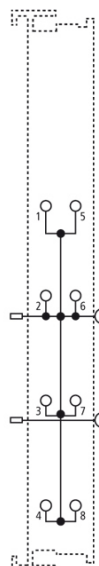
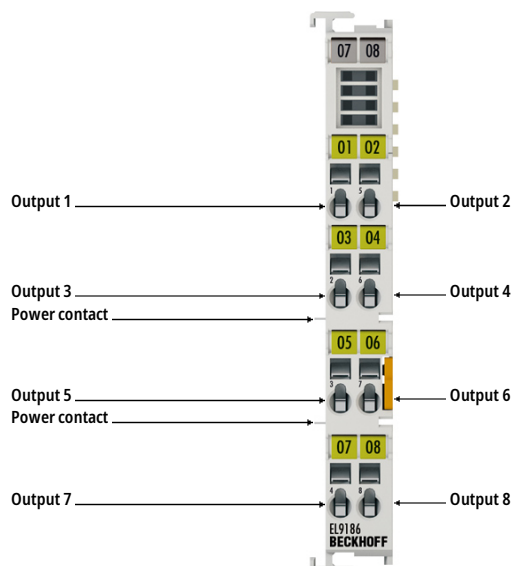


Image similar, may contain optional accessories

**i** **Product status:** regular delivery

The EL9186 potential distribution terminal provides 8 terminal points with the 24 V potential at the front on the terminal contacts. The 24 V power contact is connected to the front-side terminal contacts and is passed through to the adjacent terminal. The 0 V power contact is not connected to the front-side terminal contacts and is passed through to the adjacent terminal. With the EL9186, the use of additional terminal blocks on the terminal strip can be reduced.

## Product information

### Technical data

Technical data	EL9186
Technology	potential distribution terminal
Number of outputs	e.g.: 8 x 24 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
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	for all ESxxx terminals
Approvals/markings	CE, UL, ATEX, IECEx
Ex marking	ATEX: II 3 G Ex ec IIC T4 Gc IECEx: Ex 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	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	
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 BZxxx series	
Wiring	solid conductor (s), flexible conductor (st) and ferrule (f): spring actuation by screwdriver	
Connection cross-section	s*: 0.08...2.5 mm <sup>2</sup> , st*: 0.08...2.5 mm <sup>2</sup> , f*: 0.14...1.5 mm <sup>2</sup>	s*: 0.08...1.5 mm <sup>2</sup> , st*: 0.08...1.5 mm <sup>2</sup> , f*: 0.14...1.5 mm <sup>2</sup>
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 <sub>max</sub> : 10 A	

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

## Ordering information

Ordering information	
EL9186	Potential distribution terminal, 8 x 24 V DC
ES9186	Potential distribution terminal, 8 x 24 V DC, pluggable wiring