

# EL9187 | Potential distribution terminal, 8 x 0 V DC

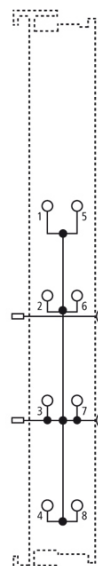
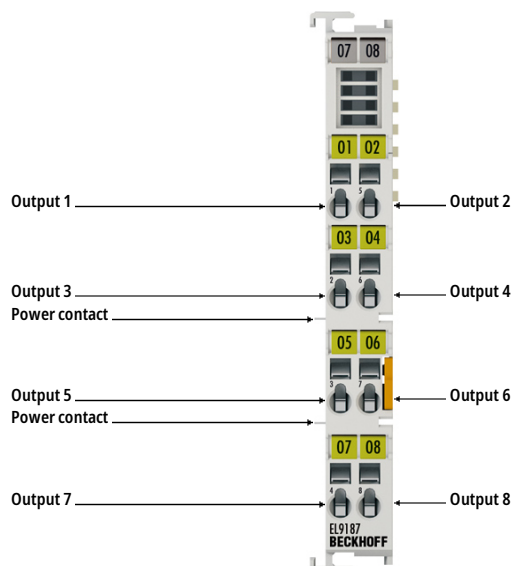


Image similar, may contain optional accessories

**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                               |
| 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, CCC, UL, ATEX, IECEx                                     |
| Ex marking   | ATEX:<br>II 3 G Ex ec IIC T4 Gc<br>IECEx:<br>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> ,<br>st*: 0.08...2.5 mm <sup>2</sup> ,<br>f*: 0.14...1.5 mm <sup>2</sup> | s*: 0.08...1.5 mm <sup>2</sup> ,<br>st*: 0.08...1.5 mm <sup>2</sup> ,<br>f*: 0.14...1.5 mm <sup>2</sup> |
| Connection cross-section AWG      | s*: AWG28...14,<br>st*: AWG28...14,<br>f*: AWG26...16   | s*: AWG28...16,<br>st*: AWG28...16,<br>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 |   |
|----------------------|---|
| EL9187               | Potential distribution terminal, 8 x 0 V DC                   |
| ES9187               | Potential distribution terminal, 8 x 0 V DC, pluggable wiring |