



## EL9080 | Separation terminal



Top view



Contact assembly

**i Product status:** Regular delivery

The EL9080 separation terminal is used for the separation and marking of different potential groups (e.g., 230 V AC/24 V DC). It is inserted between two potential groups, and indicates the separation through an orange colored cover. The E-bus is passed through in the usual way to the adjacent terminal.

## Product information

### Technical data

Technical data	EL9080
Technology	separation terminal
Electrical isolation	500 V (E-bus/field potential)
Bit width in the process image	0
Housing width	12 mm
Side by side mounting on EtherCAT Terminals with power contact	yes
Side by side mounting on EtherCAT Terminals without power contact	yes
Special features	placeholder terminal with E-bus transmission
Weight	approx. 50 g

Operating/storage temperature	-25...+60 °C/-40...+85 °C
Approvals/markings	CE, UL, ATEX
Ex marking	II 3 G Ex nA IIC T4 Gc

<b>Housing data</b>	<b>EL-12-8pin</b>
Design form	compact terminal housing with signal LEDs
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 (e), flexible conductor (f) and ferrule (a): 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>
Connection cross-section AWG	s*: AWG 28...14, st*: AWG 28...14, f*: AWG 26...16
Stripping length	8...9 mm
Current load power contacts	I <sub>max</sub> : 10 A

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