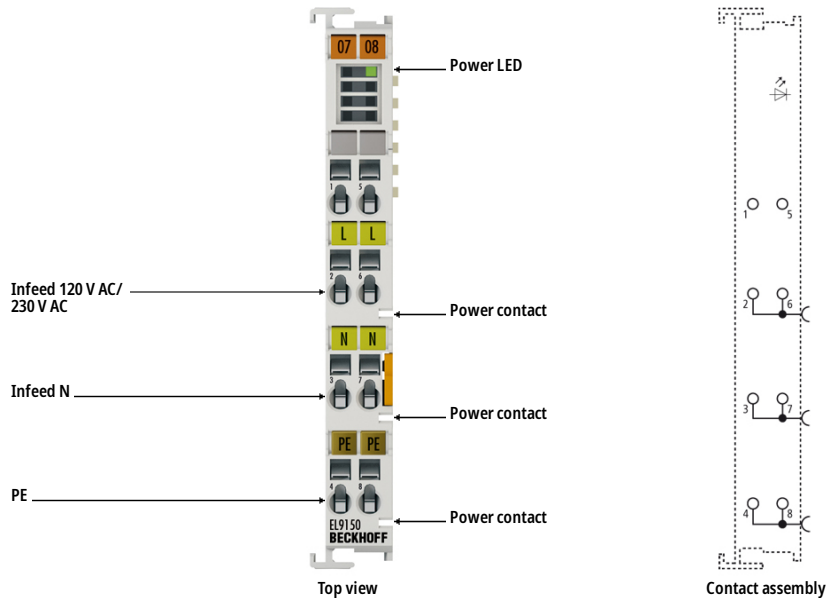


EL9150 | Potential supply terminal, 120...230 V AC



i Product status: Regular delivery

The EL9150 potential feed terminal enables the setup of different potential groups with the standard voltage 230 V AC (120... 230 V AC). The supply voltage is taken up via the front terminal contacts and passed through to the adjacent terminals via the internal power contacts. A Power LED indicates the operating state.

Product information

Technical data

Technical data	EL9150, ES9150
Technology	potential supply terminal
Current load	≤ 10 A
Power LED	green
Nominal voltage	120/230 V AC
Electrical isolation	500 V (E-bus/field potential)
PE contact	yes
Bit width in the process image	0
Housing width	12 mm
Weight	approx. 50 g
Operating/storage temperature	0...+55 °C/-25...+85 °C

Pluggable wiring	for all ESxxxx terminals
Approvals/markings	CE, UL

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 (e), flexible conductor (f) and ferrule (a): 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*: AWG 28...14, st*: AWG 28...14, f*: AWG 26...16	s*: AWG 28...16, st*: AWG 28...16, f*: AWG 26...16
Stripping length	8...9 mm	9...10 mm
Current load power contacts	I _{max} : 10 A	

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

Ordering information

Ordering information	
EL9150	
ES9150	Potential supply terminal, 120...230 V AC, pluggable wiring