

EL9210 | EtherCAT Terminal, potential supply, 24 V DC, with diagnostics, replaceable fuses

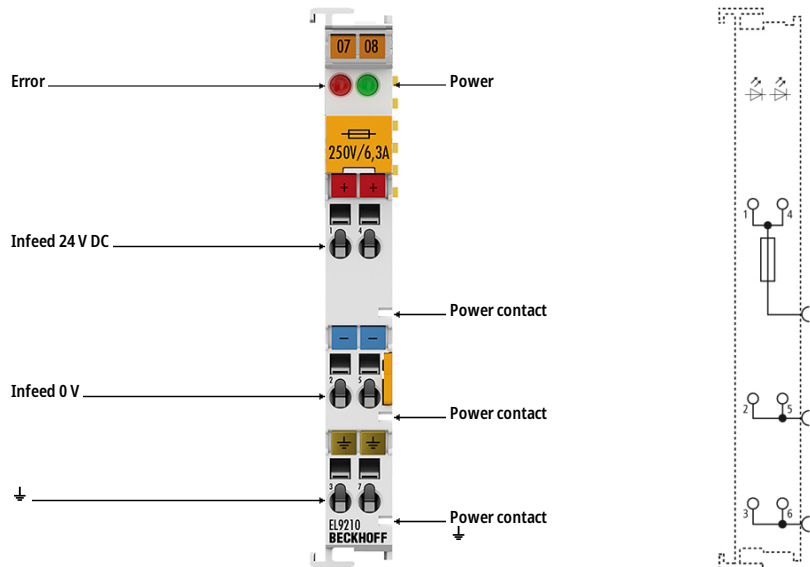
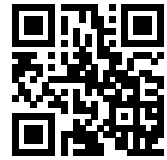


Image similar, may contain optional accessories

i **Product status:** regular delivery

The EL9210 potential feed terminal with fuse and diagnostics enables the setup of different potential groups with a fused standard voltage of 24 V DC. The supply voltage is taken up via the front terminal contacts, fused and passed through to the adjacent terminals via the internal power contacts. The fuse is a 6.3 A fuse, which can be replaced at the front.

To monitor the supply voltage, the terminal reports the status of the feed terminal to the EtherCAT coupler via two input bits. A Power LED and an Error LED indicate the operating state.

Product information

Technical data

Technical data	EL9210
Technology	potential supply terminal with diagnostics and fuse
Current load	≤ 10 A
Power LED	green
Defect LED	red
Renewed infeed	yes
Current consumption E-bus	typ. 90 mA

Nominal voltage	24 V DC
Integrated fine-wire fuse	...6.3 A
Electrical isolation	500 V (E-bus/field potential)
Diagnostics in the process image	yes
Reported to E-bus	yes
Connection facility to additional power contact	1
Bit width in the process image	2
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
Weight	approx. 55 g
Operating temperature	-25...+55°C
Storage temperature	-40...+85°C
Approvals/markings	CE, CCC, UL, ATEX, IECEx, DNV
Ex marking	ATEX: II 3 G Ex ec IIC T4 Gc IECEx: Ex ec IIC T4 Gc

Housing data	EL-12-6pin
Design form	compact terminal housing with signal LEDs
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
Connection cross-section AWG	s*: AWG28...14, st*: AWG28...14, f*: AWG26...16
Current load power contacts	I _{max} : 10 A
Dimensions (W x H x D)	12 mm x 100 mm x 70 mm

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