

KL9210 | Potential supply terminal, 24 V DC, with diagnostics and fuse

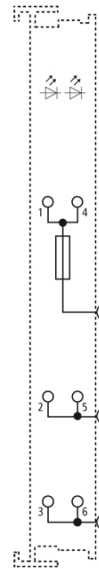
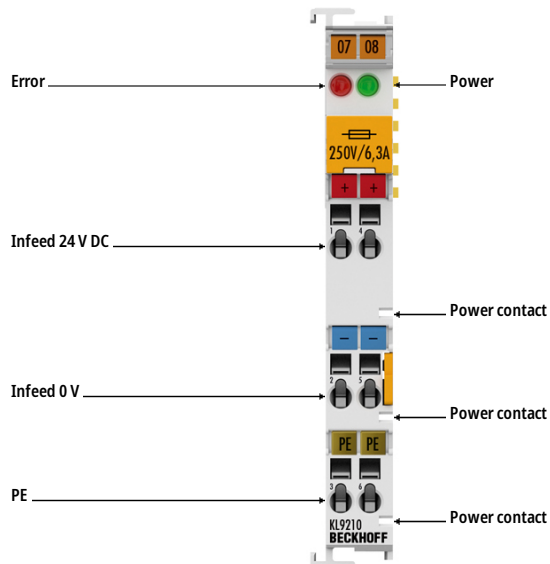
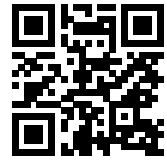


Image similar, may contain optional accessories

i **Product status:** regular delivery

The KL9210 power feed terminal makes it possible to set up various potential groups with the standard voltage of 24 V DC. In order to monitor the supply voltage, the terminal with diagnostics reports the status of the power feed terminal to the Bus Coupler through two input bits. It is thus possible for the controller to check the distributed peripheral voltage over the fieldbus.

Product information

Technical data

Technical data	KL9210
Current load	≤ 10 A
Integrated fine-wire fuse	...6.3 A
Power LED	green
Defect LED	red
Diagnostics	yes
Current consumption K-bus	typ. 10 mA
Nominal voltage	24 V DC
Electrical isolation	yes

Reported to K-bus	yes
Shield connection	–
Renewed infeed	–
Connection facility to additional power contact	1
K-bus, looped through	yes
Bit width in the process image	2
Electrical connection to DIN rail	–
Housing width	12 mm
Special features	integrated fuse
Weight	approx. 55 g
Side by side mounting on Bus Terminals with power contact	yes
Side by side mounting on Bus Terminals without power contact	yes
Operating temperature	-25...+60°C
Storage temperature	-40...+85°C
Approvals/markings	CE, CCC, UL, ATEX, IECEx, DNV GL
Ex marking	ATEX: II 3 G Ex ec IIC T4 Gc IECEx: Ex ec IIC T4 Gc

Housing data	KL-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
Stripping length	8...9 mm
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

Ordering information

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KL9210	Potential supply terminal, 24 V DC, with diagnostics and fuse
KL9210-0020	Potential supply terminal, 24 V DC, with diagnostics, 2 A fuse (slow-blow), modified label