

KL9100 | Potential supply terminal, 24 V DC

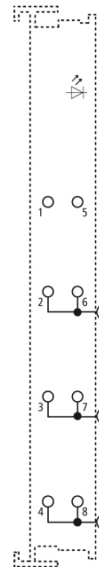
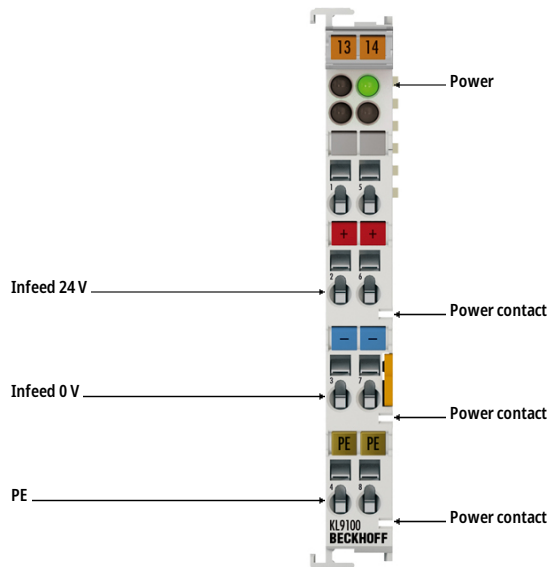


Image similar, may contain optional accessories

i **Product status:** regular delivery

The KL9100 power feed terminal makes it possible to set up various potential groups with the standard voltage of 24 V DC.

Product information

Technical data

Technical data	KL9100
Current load	≤ 10 A
Integrated fine-wire fuse	–
Power LED	green
Defect LED	–
Diagnostics	–
Current consumption K-bus	–
Nominal voltage	24 V DC
Electrical isolation	yes
Reported to K-bus	–
Shield connection	–

Renewed infeed	yes
Connection facility to additional power contact	1
K-bus, looped through	yes
Bit width in the process image	0
Electrical connection to DIN rail	–
Housing width	12 mm
Weight	approx. 50 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
Pluggable wiring	for all KSxxxx Bus Terminals
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-12-8pin	KS-12-8pin
Design form	compact terminal housing with signal LEDs	terminal housing with pluggable wiring level
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	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*: AWG28...14, st*: AWG28...14, f*: AWG26...16	s*: AWG28...16, st*: AWG28...16, f*: AWG26...16
Stripping length	8...9 mm	9...10 mm
Current load power contacts	I _{max} : 10 A	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	

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

Ordering information

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KL9100	Potential supply terminal, 24 V DC
KS9100	Potential supply terminal, 24 V DC, pluggable wiring
