

KL9010 | End terminal

The KL9010 bus end terminal is necessary for data exchange between the Bus Coupler and the Bus Terminals. Each assembly must be terminated at the right hand end with a KL9010 bus end terminal. The bus end terminal does not have any other function or connection facility.

i **Product status:** regular delivery



Product information

Technical data	KL9010
Current load	–
Integrated fine-wire fuse	–
Power LED	–
Defect LED	–
Diagnostics	–
Starting current	–
Current consumption K-bus	–
Nominal voltage	–
Electrical isolation	–
Reported to K-bus	–
PE contact	–
Shield connection	–
Renewed infeed	–
Connection facility to additional power contact	–
K-bus, looped through	–/yes
Bit width in the process image	0
Electrical connection to DIN rail	–
Housing width	12 mm
Special features	end terminal for bus communication
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

Technical data	KL9010
Operating/storage temperature	-25...+60°C/-40...+85°C
Approvals/markings	CE, UL, ATEX, IECEx, DNV GL, cFMus
Ex marking	ATEX: II 3 G Ex ec IIC T4 Gc IECEx: Ex ec IIC T4 Gc cFMus: Class I, Division 2, Groups A, B, C, D Class I, Zone 2, AEx 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	
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 (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	

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