



KL9110 | Potential supply terminal, 24 V DC, with diagnostics

The KL9110 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.

Technical data	KL9110 KS9110
Nominal voltage	24 V DC
Current load	≤ 10 A
Integrated fine-wire fuse	–
Diagnostics	yes
Power LED	green
Defect LED	–
Reported to K-bus	yes
PE contact	yes
Shield connection	–
Renewed infeed	yes
Connection facility to additional power contact	1
K-bus, looped through	yes
Bit width in the process image	1
Electrical connection to DIN rail	–
Current consumption K-bus	typ. 10 mA
Electrical isolation	yes
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/storage temperature	-25...+60 °C/-40...+85 °C
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals/markings	CE, UL, ATEX, GL, IECEx
Ex marking	II 3 G Ex nA IIC T4 Gc Ex nA IIC T4 Gc Ex tc IIIC T135 °C Dc