



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 in mm | 12 |
| 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 | CE, UL, Ex, GL, IECEx |