



KL9400 | Power supply unit terminal for the K-bus

The KL9400 power supply unit terminal is used to refresh the K-bus. Data is exchanged between the Bus Coupler and Bus Terminal over the K-bus. Each Bus Terminal draws a certain amount of current from the K-bus (see "Current consumption K-bus" in the technical data). This current is fed into the K-bus by the relevant Bus Coupler's power supply unit. The standard couplers (BKxx00, BCxx00) make 1.75 A available to the K-bus. In configurations with a large number of Bus Terminals it is possible to use the KL9400 in order to supply an extra 2 A to the K-bus.

Technical data	KL9400 KS9400
Input voltage	24 V DC (-15 %/+20 %)
Output voltage	5 V DC
Output current	2 A for K-bus supply
Diagnostics	–
Current consumption K-bus	–
Power contacts	max. 24 V DC/max. 10 A
Short-circuit proof	yes
Electrical isolation	–
Residual ripple	–
Weight	approx. 65 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals/markings	CE, UL, ATEX, GL
Ex marking	II 3 G Ex nA IIC T4 Gc