



Top view

KL9060 | Adapter terminal for KL8001 power terminals

The KL9060 adapter terminal is attached to the end of the Bus Terminal block in the same way as the standard terminal KL9010. The block is terminated with the KL9060 and provides the opportunity to connect one or more power terminals of the KL8001 series. In the KL9060 the K-bus signals are fed into a ribbon cable together with the 24 V DC for the power contacts.

Power for the electronics of the KL9060 and also for the internal electronics of the subsequent KL8001 power terminals is provided via the K-bus. The power contacts and the associated connection points are electrically isolated and fed to the output stages of the power terminal. This connection is short-circuit-proof and capable of bearing up to 1 A. Supply voltage feeding from one power module to the next can be achieved without any additional wiring. The KL9060 forms a properly working unit together with at least one KL8001. No further parameterising or configuration work on the KL9060 is necessary apart from plugging-in the K-bus extension cable. All diagnostic and commissioning tasks relate directly to the power terminal.

Technical data	KL9060
Number of power terminals	up to 10 KL8001
Current load	≤ 10 A
Power LED	–
Defect LED	–
Type of connection	1 x 10-pin ribbon cable connector
Distance between stations	–
Starting current	–
Current consumpt. K-bus	–
Current supply K-bus	–
Power contacts	24 V DC (-15 %/+20 %)/1.4 A max., short-circuit-proof
Nominal voltage	24 V DC (-15 %/+20 %)
Electrical isolation	500 V (power contact/supply voltage/K-bus)
Configuration possibility	none, automatic
PE contact	yes
Shield connection	–
Bit width in the process image	–
Electrical connection to DIN rail	–
Special features	connection to KL8001 via 20-pin flat ribbon plug
Weight	approx. 65 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
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
Approvals	CE

Accessories	
KL8001	Power terminal for Siemens contactor series Sirius 3R
ZK1010-8080-3003	ribbon cable for bus connection between two power terminals KL8001, length 0.03 m, included in scope of supply of KL8001
ZK1010-8080-3005	ribbon cable for bus connection between two power terminals KL8001 for reversing contactor connection, length 0.05 m
ZK1010-8080-3010	ribbon cable for bus connection between the KL9060 and the KL8001, length 0.1 m, included in scope of supply of KL9060
ZS1010-1610	Plug for exposed bus connection of the KL8001, included in scope of supply of KL9060