



KL9309 | Adapter terminal for manual operating modules

The KL9309 adapter terminal has 16 terminal points, which provide the I/Os of the KL85xx manual operating modules. In addition, 24 V DC is fed in via two terminal points (1 x 0 V, 1 x 24 V). The terminal can be connected to the manual operating module via a shielded ZK8500-8282-70x0 signal cable (3...5 m) using a 20-pin contact strip with locking. The KL9309 has a modular design and can be incorporated seamlessly on the DIN rail. K-bus communication is passed on by the terminal, but the terminal itself is not visible to the K-bus and is therefore also not recognised by the bus coupler.

The 24 V and 0 V DC feed is passed on to the subsequent terminals on two power contacts. The 24 V DC feed is made available to the manual operating modules as a power supply via four contacts (2 x 0 V, 2 x 24 V) on the 20-pin contact strip.

Technical data	KL9309
Power supply	24 V DC (-15 %/+20 %)
Power contacts	24 V DC max./10 A max.
Nominal voltage	24 V DC (-15 %/+20 %)
Electrical isolation	500 V (power contact/supply voltage/fieldbus)
Shield connection	–
Electrical connection to DIN rail	–
Special features	passive Bus Terminal for the connection of KL85xx manual operating modules
Weight	approx. 85 g
Operating/storage temperature	0...+55 °C/-25...+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
Approvals	CE

Accessories	
ZK8500-8282-7030	signal cable for manual operating modules of the KL85xx series, 20 x 0.14 mm ² , shielded, assembled at both ends with 20-pin plug, for terminals with ribbon cable connection, length 3 m
ZK8500-8282-7040	signal cable for manual operating modules of the KL85xx series, 20 x 0.14 mm ² , shielded, assembled at both ends with 20-pin plug, for terminals with ribbon cable connection, length 4 m
ZK8500-8282-7050	signal cable for manual operating modules of the KL85xx series, 20 x 0.14 mm ² , shielded, assembled at both ends with 20-pin plug, for terminals with ribbon cable connection, length 5 m

Related products	
KL8500	Manual operation, placeholder module
KL8519	Manual operation, signal module for 16 digital inputs
KL8524	Manual operation, output module for 16 digital inputs
KL8528	Manual operation, output module for 8 digital inputs
KL8548	Manual operation, output module for 8 analog outputs 0...10 V