



## KL1124 | 4-channel digital input terminal 5 V DC

The KL1124 digital input terminal acquires the binary control signals from the process level and transmits them, in an electrically isolated form, to the higher-level automation unit. The Bus Terminal contains four channels that indicate their signal state by means of light emitting diodes. The 5 V supply voltage can be generated with the KL9505 power supply unit terminal, and fed into the power contacts.

Technical data	KL1124   KS1124
Connection technology	2-/3-wire
Number of inputs	4
Nominal voltage	5 V DC
"0" signal voltage	< 0.8 V
"1" signal voltage	> 2.4 V
Input filter	typ. 0.2 ms
Input current	typ. 50 $\mu$ A
Current consumption K-bus	typ. 5 mA
Current consumption power contacts	typ. 1 mA + load
Electrical isolation	500 V (K-bus/field potential)
Bit width in the process image	4 inputs
Configuration	no address or configuration setting
Special features	supply 5 V DC via power contacts
Weight	approx. 50 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
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals	CE, UL, Ex