



## KL1722 | 2-channel digital input terminal 120/230 V AC

The KL1722 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. It is possible to connect 120 V/230 V AC actuators directly. The Bus Terminal contains two channels that indicate their signal state by means of light emitting diodes. The KL1722 does not have any power contacts. This makes it possible to create individual potential groups. The voltage between input 1 and input 2 must not exceed the max. nominal voltage of 230 V AC.

Technical data	KL1722   KS1722
Connection technology	2-wire
Number of inputs	2
Nominal voltage	120/230 V AC
"0" signal voltage	0...40 V
"1" signal voltage	79...260 V
Input filter	typ. 10 ms
Input current	> 3 mA, typ. 6 mA
Current consumpt. K-bus	typ. 3 mA
Switching times	10 ms
Electrical isolation	500 V (K-bus/mains voltage); 3,750 V AC, 1 min.
Bit width in the process image	2 inputs
Configuration	no address or configuration setting
Special features	ohmic/capacitive input behaviour
Weight	approx. 60 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