



Two channel digital input terminal for 120 V_{AC} / 230 V_{AC} (without Power Contacts)

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. The Bus Terminal contains two channels that indicate their signal state by means of light emitting diodes. It is possible to connect 120 V_{AC} / 230 V_{AC} actuators directly. 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 230 V_{AC}.

Technical data		KL1722-0000, KS1722-0000
Number of inputs		2
Connection technology		2-wire
Rated voltage		120 V _{AC} / 230 V _{AC}
„0“ signal voltage		0...40 V
„1“ signal voltage		79...260 V
Input filter		typically 10 ms
Current consumption from K-Bus		typically 3 mA
Switching time		10 ms
Input current		> 3 mA, typically 6 mA
Electrical isolation		500 V (K-Bus / field potential)
Bit with in the process image		2 input bits
Configuration		no address or configuration setting necessary
Special properties		ohmic/capacitive behavior
Dimensions (w x h x d) / Weight		15mm x 100mm x 70mm (aligned with 12mm) / ca. 60 g
permissible ambient temperature range	during operation	-0°C ... +55°C
	during storage	-25°C ... +70°C
permissible relative humidity		5% ... 95%, no condensation
Vibration / shock resistance		conforms to EN 60068-2-6 / EN 60068-2-27, EN 60068-2-29
EMC resistance burst / ESD		conforms to EN 61000-6-2 / EN 61000-6-4
Mounting position / pluggable wiring		variable / for all KSxxxx Bus Terminals
Protection class / Approval		IP20 / CE, cULus, ATEX*

*) Pay also attention to the continuative documentation *Notes about operation of the Bus Terminal System in potentially explosive areas (ATEX)* that is available in the download area of the Beckhoff homepage <http://www.beckhoff.com>!