



KL1194 | 4-channel digital input terminal 24 V DC, switching to negative potential

The KL1194 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. Sensors that switch to 0 V (ground) can be connected to the KL1194. The Bus Terminal contains four channels that indicate their signal state by means of light emitting diodes.

Technical data	KL1194 KS1194
Connection technology	2-/3-wire
Specification	negative switching
Number of inputs	4
Nominal voltage	24 V DC (-15 %/+20 %)
"0" signal voltage	18...30 V
"1" signal voltage	0...7 V
Input filter	typ. 0.2 ms
Input current	typ. 5 mA
Current consumption K-bus	typ. 8 mA
Electrical isolation	500 V (K-bus/field potential)
Bit width in the process image	4 inputs
Configuration	no address or configuration setting
Weight	approx. 55 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