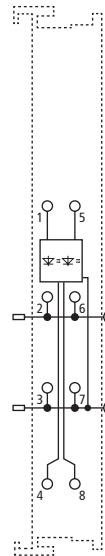
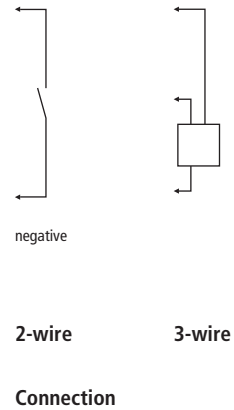


Top view



Contact assembly



2-wire

3-wire

Connection

## KL1184, KL1194 | 4-channel digital input terminals 24 V DC, switching to negative potential

The KL1184 and KL1194 digital input terminals acquire the binary control signals from the process level and transmit them, in an electrically isolated form, to the higher-level automation unit. The KL1184 and KL1194 versions have input filters of different speeds. Sensors that switch to 0 V (ground) can be connected to the KL1184 and KL1194 versions. The Bus Terminals contain four channels that indicate their signal state by means of light emitting diodes.

Technical data	KL1184   KS1184	KL1194   KS1194
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	3.0 ms	0.2 ms
Input current	typ. 5 mA	
Current consumption K-bus	typ. 8 mA	
Electrical isolation	500 V <sub>rms</sub> (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 60068-2-27/29	
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	
Further information	www.beckhoff.com/KL1184	