Run LED 1 — Run LED 2
Run LED 3 — Run LED 4
+Input 1 — +Input 2
+Input 3 — +Input 4
Ground — Ground
Shield — Shield

Top view   **Contact assembly**

KL3064 | 4-channel analog input terminal 0…10 V

The KL3064 analog input terminal handles signals in the range from 0 to 10 V. The voltage is digitised to a resolution of 12 bits and is transmitted, electrically isolated, to the higher-level automation device. The input channels of a Bus Terminal have a common ground potential. The KL3064 combines four channels in one housing. The run LEDs give an indication of the data exchange with the Bus Coupler.

Technical data	KL3064 | KS3064
Number of inputs	4
Power supply	via the K-bus
Signal voltage	0…10 V
Technology	single-ended
Internal resistance	> 200 kΩ typ.
Common-mode voltage U_{CM}	–
Resolution	12 bit
Conversion time	~ 4 ms
Measuring error	< ±0.3 % (relative to full scale value)
Electrical isolation	500 V (K-bus/signal voltage)
Current consumption power contacts	– (no power contacts)
Current consumption K-bus	typ. 85 mA
Bit width in the process image	input: 4 x 16 bit data (4 x 8 bit control/status optional)
Configuration	no address or configuration setting
Weight	approx. 80 g
Operating/storage temperature	-25…+60 °C/-40…+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, GL

Special terminals	
KL3064-0010	Siemens S5 format
KL3064-0011	voltage level 0…20 V
KL3064-0050	Siemens S7 format