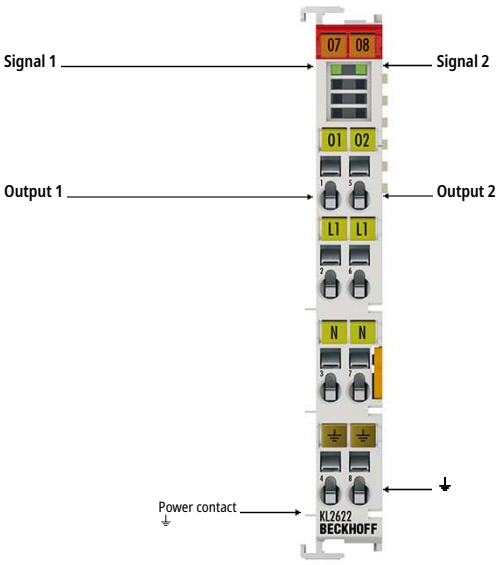
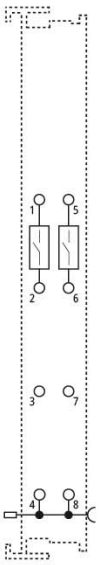
KL2622 | Bus Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts

Image similar, may contain optional accessories





KL2622 | Bus Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts

Product status: regular delivery

The KL2622 output terminal has two relays, each with a single contact, and can be used to switch devices requiring mains power and operating at up to 230 V AC. The relay contacts of the KL2622 are potential-free and not connected to the power contacts.

Product information

Technical data

Technical data	KL2622
Number of outputs	2 x make contacts
Nominal voltage	230 V AC/30 V DC
Load type	resistive, inductive, lamp load
Max. output current	5 A per channel
Switching current	5 A AC/DC (resistive)/2 A AC/DC (inductive)
Resistive switching current	5 A AC/DC
Inductive switching current	2 A AC/DC
Minimum permitted load	10 mA at 5 V DC

Technical data	KL2622
Lamp test, electronic ballast	max. 5 A starting current (4 x 58 W)
Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	–
Current consumption K-bus	typ. 85 mA
Bit width in the process image	2 outputs
Operating cycles mech. (min.)	2 x 10^7
Operating cycles electr. (min.)	1 x 10^5 (5 A/30 V DC)
Configuration	no address or configuration setting
Special features	potential-free contacts
Weight	approx. 80 g
Operating temperature	-25...+60°C
Storage temperature	-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. rating/installation pos.	IP20/variable
Pluggable wiring level	for all KSxxxx Bus Terminals
Approvals/markings	CE, UL, DNV

Housing data	KL-12-8pin	KS-12-8pin
Design form	compact terminal housing with signal LEDs	terminal housing with pluggable wiring level
Material	polycarbonate	
Installation	on 35 mm DIN rail, conforming to EN 60715 with lock	
Side by side mounting by means of	double slot and key connection	
Marking	labeling of the BZxxxx series	
Wiring	solid conductor (s), flexible conductor (st) and ferrule (f): spring actuation by screwdriver	
Connection cross-section	s*: 0.08...2.5 mm², st*: 0.08...2.5 mm², f*: 0.14...1.5 mm²	s*: 0.08...1.5 mm², st*: 0.08...1.5 mm², f*: 0.14...1.5 mm²
Connection cross-section AWG	s*: AWG28...14, st*: AWG28...14, f*: AWG26...16	s*: AWG28...16, st*: AWG28...16, f*: AWG26...16
Stripping length	8...9 mm	9...10 mm
Current load power contacts	I_{max}: 10 A	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	

*s: solid wire; st: stranded wire; f: with ferrule

Ordering information

Ordering information	
KL2622	Bus Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts
KS2622	Bus Terminal, 2-channel relay output, 230 V AC, 30 V DC, 5 A, without power contacts, pluggable wiring level

Material Compliance

Material compliance	KL2622
REACH SVHC	no
POP	compliant
RoHS	compliant with exemption
RoHS exemption	7c-I: Lead-containing electrical and electronic components in glass and ceramic materials, excluding dielectric ceramics in capacitors
China-RoHS	www.beckhoff.com/china-rohs-io
CA Prop65	www.beckhoff.com/prop65
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