

KL2612 | Bus Terminal, 2-channel relay output, 125 V AC, 30 V DC, 0.5 A AC, 2 A DC

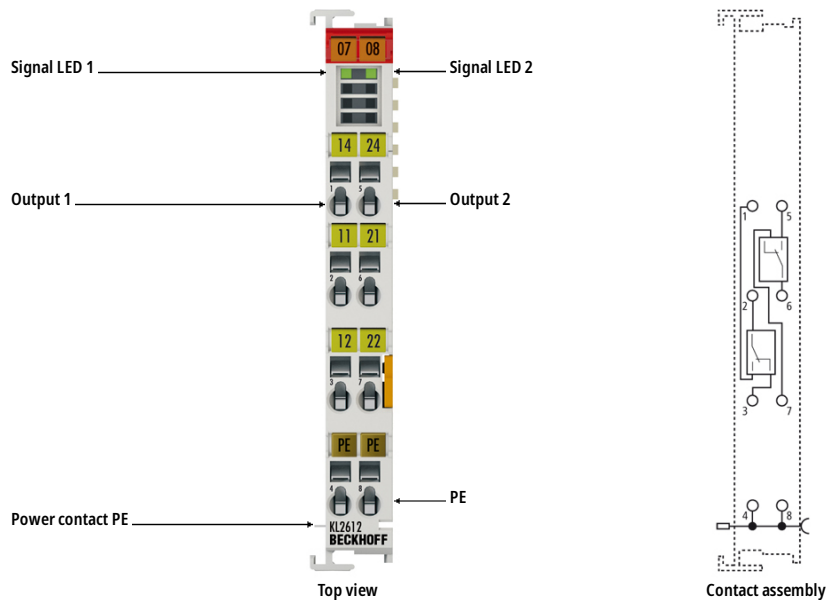
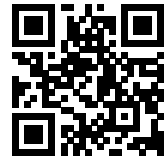


Image similar, may contain optional accessories

i **Product status:** regular delivery

The KL2612 output terminal switches two relays, each having one changeover contact, under control of the automation device. It has potential-free contacts. The power contacts are not looped through.

Product information

Technical data

Technical data	KL2612
Number of outputs	2 x change-over
Nominal voltage	125 V AC/30 V DC
Load type	ohmic
Max. output current	2 A per channel
Switching current	0.5 A AC/2 A DC (ohmic)
Ohmic switching current	0.5 A AC/2 A DC
Inductive switching current	no data
Minimum permitted load	10 μ A at 10 mV
Lamp test, electronic ballast	max. 2 A starting current

Electrical isolation	500 V (K-bus/field potential)
Current consumption power contacts	–
Current consumption K-bus	typ. 60 mA
Bit width in the process image	2 outputs
Operating cycles mech. (min.)	1 x 10 ⁸
Operating cycles electr. (min.)	2 x 10 ⁵ (1 A/30 V DC)
Configuration	no address or configuration setting
Special features	signal relay
Weight	approx. 80 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. rating/installation pos.	IP20/variable
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals/markings	CE, UL, DNV GL

Housing data	KL-12-8pin	KS-12-8pin
Design form	compact terminal housing with signal LEDs	terminal housing with pluggable wiring level
Material	polycarbonate	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	
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 BZxxx series	
Wiring	solid conductor (s), flexible conductor (st) and ferrule (f): spring actuation by screwdriver	
Connection cross-section	s*: 0.08...2.5 mm ² , st*: 0.08...2.5 mm ² , f*: 0.14...1.5 mm ²	s*: 0.08...1.5 mm ² , st*: 0.08...1.5 mm ² , f*: 0.14...1.5 mm ²
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	

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

Ordering information

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KL2612	Bus Terminal, 2-channel relay output, 125 V AC, 30 V DC, 0.5 A AC, 2 A DC
KS2612	Bus Terminal, 2-channel relay output, 125 V AC, 30 V DC, 0.5 A AC, 2 A DC, pluggable wiring