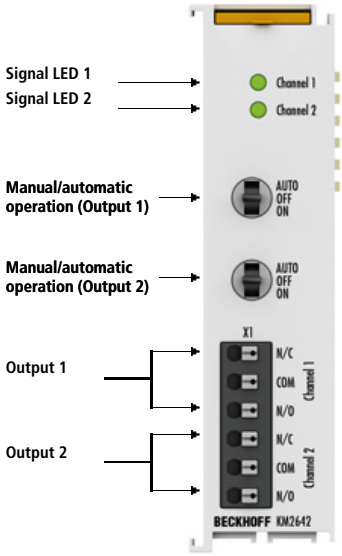

Top view

KM2642, KM2652 | 2-channel relay module 230 V AC, 6 A, manual/automatic operation

The digital KM2642 and KM2652 output terminals have two independent relay change-over contacts, which can be used for switching mains current consumers. For each channel a switch enables selection between automatic, manual on, manual off. In automatic mode the logical state of an output bit switches the relay. For manual mode a 24 V supply is required for the Bus Coupler. The output state – for KM2652 also the setting of the switch – can be read by the controller.

Technical data	KM2642	KM2652
Number of outputs	2 x change-over	
Nominal voltage	230 V AC (max. switching voltage 250 V AC)	
Switching capacity max.	1.5 kVA	
Switching voltage max.	250 V AC	
Load type	ohmic, inductive, lamp load	
Max. output current	6 A	
Switching current	6 A AC/4 A DC at 30 V DC	
Minimum permitted load	100 mA (12 V DC)	
Lamp test, electronic ballast	max. 10 A starting current	
Current consumption power contacts	– (no power contacts)	
Current consumpt. K-bus	typ. 130 mA	
Contact material	$AgSnO_2$	
Bit width in the process image	2 inputs (relay ON/OFF), 2 outputs	4 inputs (status hand, auto, relay ON/OFF), 2 outputs
Operating cycles	10^6	
Operating cycles mech. (min.)	1 x 10^6	
Operating cycles electr. (min.)	1 x 10^5 (3 A/250 V AC)	
Configuration	no address or configuration setting	
Special features	manual/automatic operation	manual/automatic operation, switch setting readable
Weight	approx. 110 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	
Approvals	CE	

Further manual operating terminals	
KM1644	4-channel manual operation
KM2614	4-channel relay module 230 V AC, 16 A, potential-free change-over contact, with manual operation
KM4602	2-channel analog output terminal 0…10 V, manual/automatic operation