



Top view

KM2604, KM2614 | 4-channel relay modules 230 V AC, 16 A

The KM2604 and KM2614 terminal modules combine four pluggable power relays in one fieldbus module. The high switching capacity of 16 A at 230 V AC enables direct mains connection of consumers with high current consumption. The relays are positioned at the top and can therefore be exchanged easily. The KM2614 terminal module enables each relay to be manually switched to the ON status. A seal indicates the initial manual operation.

Technical data	KM2604	KM2614
Load type	ohmic, inductive, lamp load	
Max. output current	16 A	
Number of outputs	4 x change-over	
Operation	–	automatic operation/manual operation at the relay
Nominal switching voltage	250 V AC, 30 V DC	
Nominal switching current	16 A	
Electrical isolation	1.5 kV (K-bus/field potential); 2.5 kV rated surge voltage, overvoltage category III	
Current consumption power contacts	– (no power contacts)	
Current consumpt. K-bus	typ. 15 mA	
Current consumption 24 V DC	50 mA for each active relay	
Bit width in the process image	4 outputs	
Switching current	16 A AC/12 A DC at 30 V DC	
Operating cycles mech. (min.)	5 x 10 ⁶	
Operating cycles electr. (min.)	1 x 10 ⁶ (1 A/250 V AC)	
Lamp test, electronic ballast	max. 25 A starting current	
Minimum permitted load	5 mA (10 V DC)	
Dimensions (W x H x D)	99 mm x 100 mm x 62 mm	
Configuration	no address or configuration setting	
Special features	–	automatic/manual operation at the relay
Weight	approx. 250 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	
Approvals	CE	

Further manual operating terminals	
KM1644	4-channel manual operation
KM2642, KM2652	2-channel relay module 230 V AC, 6 A, manual/automatic operation
KM4602	2-channel analog output terminal 0...10 V, manual/automatic operation

Accessories	
ZB2601	relay, 230 V AC, 16 A, coil 24 V, spare part KM2604
ZB2602	relay, manual operation, 230 V AC, 16 A, coil 24 V, spare part KM2614