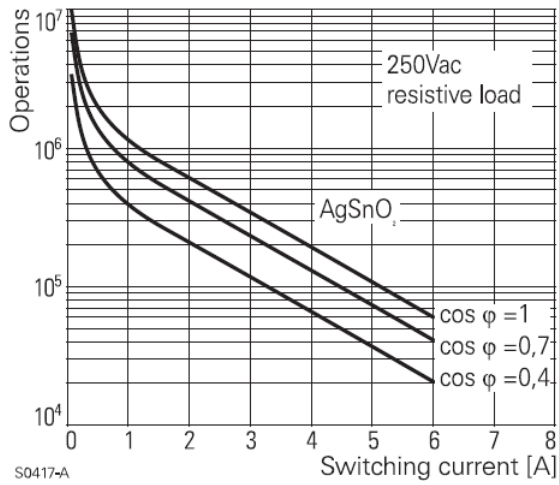


2-channel relay modules with manual and automatic operation, 230 V_{AC}, 6 A

The KM2642 and KM2652 relay modules 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 higher-level controller switches the relay. Also for manual mode the supply for the Bus Coupler with 24 V is required. The output state - for KM2652 also the state of the switch - can be read by the controller.

Technical data	KM2642	KM2652
Number of inputs	2 change over	
Nominal voltage	230 V _{AC} (max. switching voltage 250 V _{AC})	
Load type	ohmic, inductive, lamp load	
Output current / Switching capacity	max. 6 A / max. 1.5 kVA	
Switching current	6 A _{AC} or 4 A _{DC} at 30 V _{DC}	
Minimum permitted load	100 mA (12 V _{DC})	
Lamp test, electronic ballast	max. 10 A starting current	
Contact material	AgSnO ₂	
Operating cycles mechanically / electrically	min. 1 x 10 ⁶ / min. 1 x 10 ⁵ (3 A, 250 V _{AC})	
Current consumption from the K-Bus	typically 130 mA	
Bit width in the process image	Input: 2 (relay ON/OFF), Output: 2	Input: 4 (status, hand, Auto, relay ON/OFF), Output: 2
Dimensions (h x w x d) / Weight	100 mm x 24 mm x 57 mm / app. 110 g	
permissible ambient temperature range	-0°C ... +55°C (operation)	
	-25°C ... +70°C (storage)	
permissible relative humidity	5% ... 95%, no condensation	
EMC immunity/emission	conforms to EN 61000-6-2 / EN 61000-6-4	
Vibration / shock resistance	conforms to EN 60068-2-6 / EN 60068-2-27	
Protection class / installation pos. / Approval	IP20 / any / CE	

Electrical endurance



Terminal points

Rated data according to IEC 664-1 / VDE 0110 (4.97)	
clamping range	0,14...1,50 mm ²
solid wire, H05(07) V-U	0,25...1,50 mm ²
stranded wire, H05(07) V-K	0,25...1,50 mm ²
stranded wire with ferrule	0,25...1,50 mm ²
ferrule with plastic flange	0,25...0,75 mm ²
wire stripping length	app. 8...9 mm