

KMY INDUSTRIAL RELAY

- 2 Poles 10A; 4 Poles 5A
- Non polarity LED option with integrated into the relay
- Lockable test button option
- Identification of coils via test button color
(Red: AC Coil / Blue: DC Coil)
- Compliance with RoHS directives



Relays

Product Code	Product Name	Product Description	Pcs. Qty.
820001	KMY200012LT	12VDC, 2CO, 10A, LED, TEST BUTTON	20
820003	KMY200048LT	48VDC, 2CO, 10A, LED, TEST BUTTON	20
820004	KMY200110LT	110VDC, 2CO, 10A, LED, TEST BUTTON	20
820006	KMY200024LTD	24VDC, 2CO, 10A, LED, TEST BUTTON, DIODE	20
820007	KMY200524LT	24VAC, 2CO, 10A, LED, TEST BUTTON	20
820009	KMY200615LT	115VAC, 2CO, 10A, LED, TEST BUTTON	20
820010	KMY200730LT	230VAC, 2CO, 10A, LED, TEST BUTTON	20
820013	KMY400048LT	48VDC, 4CO, 5A, LED, TEST BUTTON	20
820014	KMY400110LT	110VDC, 4CO, 5A, LED, TEST BUTTON	20
820016	KMY400024LTD	24VDC, 4CO, 5A, LED, TEST BUTTON, DIODE	20
820019	KMY400615LT	115VAC, 4CO, 5A, LED, TEST BUTTON	20
820020	KMY400730LT	230VAC, 4CO, 5A, LED, TEST BUTTON	20
820377	KMY200024	24VDC, 2CO, 10A	20
820378	KMY200524	24VAC, 2CO, 10A	20
820381	KMY200048	48VDC, 2CO, 10A	20
820383	KMY200110	110VDC, 2CO, 10A	20
820384	KMY200615	115VAC, 2CO, 10A	20
820385	KMY200220	220VDC, 2CO, 10A	20
820386	KMY200730	230VAC, 2CO, 10A	20
820400	KMY400024	24VDC, 4CO, 5A	20
820401	KMY400524	24VAC, 4CO, 5A	20
820404	KMY400048	48VDC, 4CO, 5A	20
820406	KMY400110	110VDC, 4CO, 5A	20
820407	KMY400615	115VAC, 4CO, 5A	20
820409	KMY400730	230VAC, 4CO, 5A	20

Sockets and Accessories

Product Code	Product Name	Product Description	Pcs. Qty.
820070	KS 2CO ECO SOCKET	12A	10
820071	KS 4CO ECO SOCKET	10A	10
820171	KS 4CO SOCKET	10A	10
820347	KS-C 4CO SOCKET	10A	10
820350	LB/KS-ECO	ID TAG	200



RÖLELER / RELAYS

Tip / Type	Giriş tipi / Input type	Paket / Packaging	Sipariş no / Order no
KMY200024	24VDC, 2CO, 10A	20 adet / 20 pcs.	820 377
KMY200048	48VDC, 2CO, 10A	20 adet / 20 pcs.	820 381
KMY200110	110VDC, 2CO, 10A	20 adet / 20 pcs.	820 383
KMY200220	220VDC, 2CO, 10A	20 adet / 20 pcs.	820 385
KMY200524	24VAC, 2CO, 10A	20 adet / 20 pcs.	820 378
KMY200615	115VAC, 2CO, 10A	20 adet / 20 pcs.	820 384
KMY200730	230VAC, 2CO, 10A	20 adet / 20 pcs.	820 386
KMY200012LT	12VDC, 2CO, 10A, LED, TEST B.	20 adet / 20 pcs.	820 001
KMY200024LTD	24VDC, 2CO, 10A, LED, TEST B., DIODE	20 adet / 20 pcs.	820 006
KMY200048LT	48VDC, 2CO, 10A, LED, TEST B.	20 adet / 20 pcs.	820 003
KMY200110LT	110VDC, 2CO, 10A, LED, TEST B.	20 adet / 20 pcs.	820 004
KMY200524LT	24VAC, 2CO, 10A, LED, TEST B.	20 adet / 20 pcs.	820 007
KMY200615LT	115VAC, 2CO, 10A, LED, TEST B.	20 adet / 20 pcs.	820 009
KMY200730LT	230VAC, 2CO, 10A, LED, TEST B.	20 adet / 20 pcs.	820 010
KMY400024	24VDC, 4CO, 5A	20 adet / 20 pcs.	820 400
KMY400048	48VDC, 4CO, 5A	20 adet / 20 pcs.	820 404
KMY400110	110VDC, 4CO, 5A	20 adet / 20 pcs.	820 406
KMY400524	24VAC, 4CO, 5A	20 adet / 20 pcs.	820 401
KMY400615	115VAC, 4CO, 5A	20 adet / 20 pcs.	820 407
KMY400730	230VAC, 4CO, 5A	20 adet / 20 pcs.	820 409
KMY400024LTD	24VDC, 4CO, 5A, LED, TEST B., DIODE	20 adet / 20 pcs.	820 016
KMY400048LT	48VDC, 4CO, 5A, LED, TEST B.	20 adet / 20 pcs.	820 013
KMY400110LT	110VDC, 4CO, 5A, LED, TEST B.	20 adet / 20 pcs.	820 014
KMY400615LT	115VAC, 4CO, 5A, LED, TEST B.	20 adet / 20 pcs.	820 019
KMY400730LT	230VAC, 4CO, 5A, LED, TEST B.	20 adet / 20 pcs.	820 020

AKSESUARLAR / ACCESSORIES

Tip / Type	Paket / Packaging	Sipariş no / Order no
KS 2CO ECO Soket / Socket	10 adet / 10 pcs.	820 070
KS 4CO ECO Soket / Socket	10 adet / 10 pcs.	820 071
KS 4CO Soket / Socket	10 adet / 10 pcs.	820 171
KS-C 4CO Soket / Socket	10 adet / 10 pcs.	820 347
LB/KS-ECO Tanım Etiketi / ID Tag	200 adet / 200 pcs.	820 350

Genel Özellikler / General Features

Giriş gerilimi (U _N) / Input Voltage (U _N)		12VDC, 24VDC, 48VDC, 110VDC, 220VDC; 24VAC, 48VAC, 115VAC, 230VAC, 380VAC				
Röle çekme gerilimi / Pick-up voltage (23°C)		DC: ≤ %75, AC: ≤ %80 50/60Hz				
Röle bırakma gerilimi / Drop-out voltage (23°C)		DC: 0 ≥ %10, AC: ≥ %30 50/60Hz				
Bobin çalışma gücü / Coil operating power	DC (W)		≈ 0.9			
	AC (VA)		≈ 1.2			
Nominal voltaj VDC (23°C) / Nominal voltage VDC (23°C)	12	24	48	110	220	*Bobin direnci: 110V bobin voltajı altında ±%10Ω toleransla, 110V'nin üzerinde ise ±%15Ω toleransla ölçülür.
Bobin direnci Ω (23°C) / Coil resistance Ω (23°C)	180	640	2600	13000	42000	
Nominal voltaj VAC (23°C) / Nominal voltage VAC (23°C)	24	48	115	230	380	
Bobin direnci Ω (23°C) / Coil resistance Ω (23°C)	180	640	4430	16500	42000	
İzolasyon direnci / Insulation resistance		≥1000MΩ (500VDC)				
Dielektrik dayanım / Dielectric strength	röle bobini ve kontaktları arası / between contacts and coil		2000VAC / 1 dakika (kaçak akım 1mA)			
	röle kontaktları arası / between contacts		1000VAC / 1 dakika (kaçak akım 1mA)			
Çekme süresi (nom. gerilimde) / Operate time (at nom. voltage)		≤20ms				
Bırakma süresi (nom. gerilimde) / Release time (at nom. voltage)		≤20ms				
Bağıl nem / Humidity		%5 ~ %85 (Yoğuşma olmadan / No condensation)				
Çalışma sıcaklığı / Working temperature		-55°C ~ +70°C				

Kontak Bilgileri / Contact Informations

Konfigürasyon / Configuration	2 CO	4CO
Kontak malzemesi / Contact material	Ag Alaşım	Ag Alaşım
Kontak kapasitesi / Contact capacity	12A / 250VAC, 30VDC	6A / 250VAC, 30VDC
Maks. anahtarlama kapasitesi / Max. switching capacity	3000VA, 360W	1500VA, 240W
Min. anahtarlama kapasitesi / Min. switching capacity	170mW (17V/10mA)	170mW (17V/10mA)
Mekanik ömür / Mechanical durability	2000 x 10 ⁴ Cycles (18000 Ops/h)	
Elektriksel ömür / Electrical durability	Anma gerilimi %110, 55°C / %110 rated voltage, 55°C	
	Normal sıcaklık / Normal temperature	
	20 x 10 ⁴ Cycles (1800 Ops/h)	
	40 x 10 ⁴ Cycles (360 Ops/h)	

Soket Özellikleri

Tip / Type	KS 2CO ECO	KS 4CO ECO	KS 2CO	KS 4CO	KS-C 2CO	KS-C 4CO
Nominal akım / Nominal current (A)	12	10	12	10	12	10
Nominal voltaj / Nominal voltage (V)	300	300	300	300	300	300
Dielektrik dayanım / Dielectric strength	röle bobini ve kontaktları arası / between contacts and coil		4000 V/min	4000 V/min	4000 V/min	4000 V/min
	röle kontaktları arası / between contacts		2500 V/min	2500 V/min	2500 V/min	2500 V/min
Maks. sıkma torku / Max. tightening torque (Nm)	1.0	1.0	1.0	1.0	1.0	1.0
Ağırlık / Weight (g)	35	45	50	56	50	62
Kablo kesiti / Wire size (AWG/mm ²)	20-14/0.5-2.5	20-14/0.5-2.5	20-14/0.5-2.5	20-14/0.5-2.5	20-14/0.5-2.5	20-14/0.5-2.5
Ortam sıcaklığı / Ambient temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

