

KRI INDUSTRIAL RELAY

- Slim and compact size
- 1 Pole 12A; 2 Poles 8A
- 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

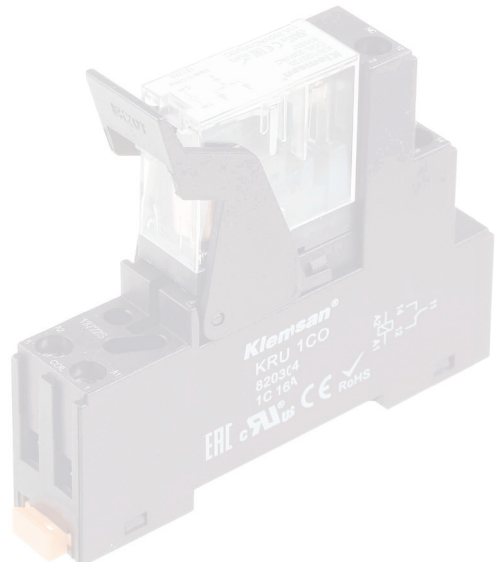
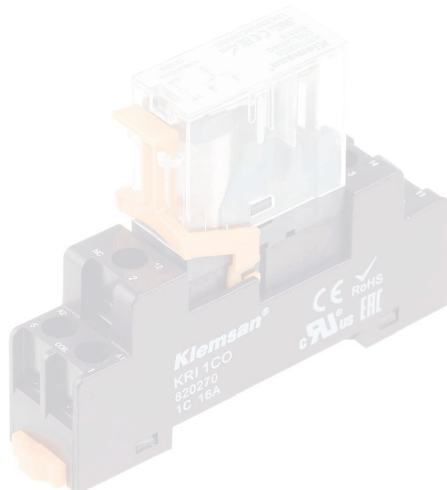


Relays

Product Code	Product Name	Product Description	Pcs. Qty.
820312	KRI100012	12VDC 1CO. 12A	20
820314	KRI100024	24VDC. 1CO. 12A	20
820315	KRI100524	24VAC, 1CO, 12A	20
820320	KRI100615	115VAC. 1CO. 12A	20
820321	KRI100730	230VAC, 1CO, 12A	20
820201	KRI100012LT	12VDC, 1CO, 12A, LED, TEST BUTTON	20
820206	KRI100524LT	24VAC, 1CO, 12A, LED, TEST BUTTON	20
820208	KRI100615LT	115VAC, 1CO, 12A, LED, TEST BUTTON	20
820333	KRI200524	24VAC, 2CO, 8A	20
820338	KRI200615	115VAC, 2CO, 8A	20

Sockets and Accessories

Product Code	Product Name	Product Description	Pcs. Qty.
820270	KRI1CO SOCKET	16A	10
820304	KRU1CO SOCKET	16A	10
820306	CLP/KRI	PLASTIC CLIPS	50



RÖLELER / RELAYS

Tip / Type	Giriş tipi / Input type	Paket / Packaging	Sipariş no / Order no
KRI100012	12VDC, 1CO, 12A	20 adet / 20 pcs.	820 312
KRI100024	24VDC, 1CO, 12A	20 adet / 20 pcs.	820 314
KRI100524	24VAC, 1CO, 12A	20 adet / 20 pcs.	820 315
KRI100615	115VAC, 1CO, 12A	20 adet / 20 pcs.	820 320
KRI100730	230VAC, 1CO, 12A	20 adet / 20 pcs.	820 321
KRI100012LT	12VDC, 1CO, 12A, LED, TEST B.	20 adet / 20 pcs.	820 201
KRI100524LT	24VAC, 1CO, 12A, LED, TEST B.	20 adet / 20 pcs.	820 206
KRI100615LT	115VAC, 1CO, 12A, LED, TEST B.	20 adet / 20 pcs.	820 208
KRI200524	24VAC, 2CO, 8A	20 adet / 20 pcs.	820 333
KRI200615	115VAC, 2CO, 8A	20 adet / 20 pcs.	820 338

AKSESUARLAR / ACCESSORIES

Tip / Type	Paket / Packaging	Sipariş no / Order no
KRI1CO Soket / Socket	10 adet / 10 pcs.	820 270
KRU1CO Soket / Socket	10 adet / 10 pcs.	820 304
CLP/KRI Plastik Klips / Plastic Clips	50 adet / 50 pcs.	820 306

Genel Özellikler / General Features

Giriş gerilimi (U _N) / Input Voltage (U _N)		12VDC, 24VDC, 48VDC, 110VDC; 12VAC, 24VAC, 48VAC, 115VAC, 230VAC				
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)		≈ 0.53			
	AC (VA)		≈ 1.0			
Nominal voltaj VDC (23°C) / Nominal voltage VDC (23°C)	12	24	48	110	*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)	270	1100	4300	22800		
Nominal voltaj VAC (23°C) / Nominal voltage VAC (23°C)	12	24	48	115		230
Bobin direnci Ω (23°C) / Coil resistance Ω (23°C)	63	240	1085	6300		23000
İzolasyon direnci / Insulation resistance		≥1000MΩ (500VDC)				
Dielektrik dayanım / Dielectric strength	röle bobini ve kontakları arası / between contacts and coil		5000VAC / 1 dakika (kaçak akım 1mA)			
	röle kontakları 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)		≤10ms				
Bağıl nem / Humidity		%5 ~ %85 (Yoğuşma olmadan / No condensation)				
Çalışma sıcaklığı / Working temperature		-40°C ~ +55°C				

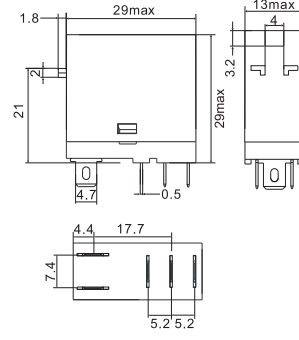
Kontak Bilgileri / Contact Informations

Konfigürasyon / Configuration	1 CO	2CO
Kontak malzemesi / Contact material	Ag Alaşım	Ag Alaşım
Kontak kapasitesi / Contact capacity	12A / 250VAC, 30VDC	8A / 250VAC, 30VDC
Maks. anahtarlama kapasitesi / Max. switching capacity	3000VA, 360W	2000VA, 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	Yüksek sic., frekans 1s açık, 1s kapalı High temp., frequency 1s on, 1s off	20 x 10 ⁴ Cycles (1800 Ops/h)
	Normal sic., frekans 1s açık, 5s kapalı Normal temp., frequency 1s on, 5s off	30 x 10 ⁴ Cycles (600 Ops/h)

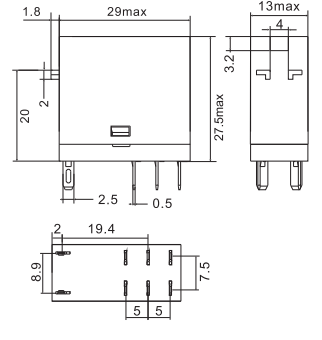
Soket Özellikleri

Tip / Type	KRI1CO	KRI2CO	KRU1CO	KRU2CO
Nominal akım / Nominal current (A)	16	10	16	10
Nominal voltaj / Nominal voltage (V)	300	300	300	300
Dielektrik dayanım / Dielectric strength	röle bobini ve kontakları arası / between contacts and coil	4000 V/min	4000 V/min	4000 V/min
	röle kontakları arası / between contacts	2500 V/min	2500 V/min	2500 V/min
Maks. sıkma torku / Max. tightening torque (Nm)	1.0	1.0	1.0	1.0
Ağırlık / Weight (g)	22	27	35	43
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
Ortam sıcaklığı / Ambient temperature	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C	-40°C~+85°C

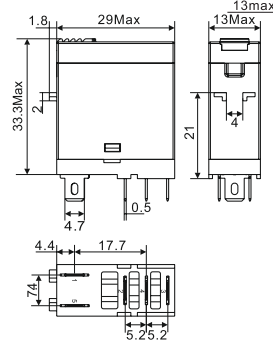
KRI10----



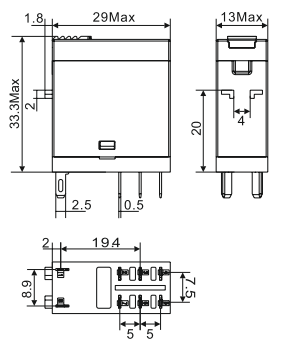
KRI20----



KRI10---- LT

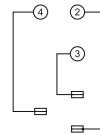


KRI20---- LT

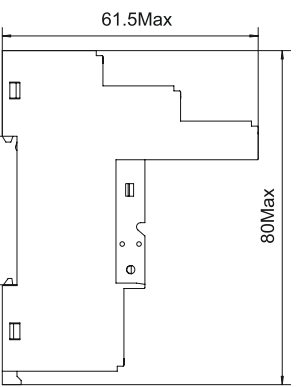


KRB1CO

- ① ⑤ : A1 A2
② : NC
③ : NO
④ : COM

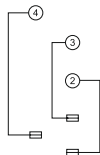


KRB1CO



KRC1CO

- ① ⑤ : A1 A2
② : NC
③ : NO
④ : COM



KRC1CO

