

# Klemsan® PLC Röle / Interface Relay

## PLC RÖLE MODÜLÜ (SOKET + RÖLE) / INTERFACE RELAY MODULE (SOCKET + RELAY)

Tip / Type	Giriş tipi / Input type	Sip.no / Or. no	Paket / Packaging
KPR-SWE-6VDC-2C	6VDC	272 504	10 adet / 10 pcs.
KPR-SWE-12VAC/DC-2C	12VAC/DC	272 520	10 adet / 10 pcs.
KPR-SWE-12VDC-2C	12VDC	272 524	10 adet / 10 pcs.
KPR-SWE-24VAC/DC-2C	24VAC/DC	272 540	10 adet / 10 pcs.
KPR-SWE-24VDC-2C	24VDC	272 544	10 adet / 10 pcs.
KPR-SWE-48VAC/DC-2C	48VAC/DC	272 560	10 adet / 10 pcs.
KPR-SWE-48VDC-2C	48VDC	272 564	10 adet / 10 pcs.
KPR-SWE-60VAC/DC-2C	60VAC/DC	272 580	10 adet / 10 pcs.
KPR-SWE-60VDC-2C	60VDC	272 584	10 adet / 10 pcs.
KPR-SWE-115VAC/DC-2C	115VAC/DC	272 600	10 adet / 10 pcs.
KPR-SWE-115VDC-2C	115VDC	272 604	10 adet / 10 pcs.
KPR-SWF-115VAC/DC-2C	115VAC/DC	272 606	10 adet / 10 pcs.
KPR-SWE-230VAC/DC-2C	230VAC/DC	272 620	10 adet / 10 pcs.
KPR-SWE-230VAC-2C	230VAC	272 622	10 adet / 10 pcs.
KPR-SWF-230VAC/DC-2C	230VAC/DC	272 626	10 adet / 10 pcs.
KPR-SWF-230VAC-2C	230VAC	272 628	10 adet / 10 pcs.

## AKSESUARLAR

Tip	Sip.no	Paket
8'li köprü	476 900	25 adet
Dekafix etiket	505 390	360 adet

## KONTAK BİLGİLERİ

Kontakt tipi	2 CO
Kontakt malzemesi	AgSnO <sub>2</sub>
Kontakt kapasitesi (cosφ=1)	8A 250VAC / 30VDC
Maksimum anahtarlama gerilimi	400VAC / 300VDC
Maksimum anahtarlama akımı	2X8A
Maksimum anahtarlama gücü	2000VA / 240W
Mekanik ömür	1 x 10 <sup>7</sup> anahtarlama
Elektriksel ömür (UL onayı)	(NO) 3 x 10 <sup>4</sup> anahtarlama (85°C) (NC) 1 x 10 <sup>5</sup> anahtarlama (85°C)

## Genel

İzolasyon direnci	1000MΩ (500VDC)
Dielektrik dayanımı	Röle bobini ve kontakları arası 5000VAC 1 dakika
	Röle kontakları arası 1000VAC 1 dakika
Çekme süresi (nominal gerilimde)	15msn maks.
Bırakma süresi (nominal gerilimde)	8msn maks.
Bağlı nem	%5 .. %85 (Yoğuşma olmadan)
Çalışma sıcaklığı	-40°C .. +85°C

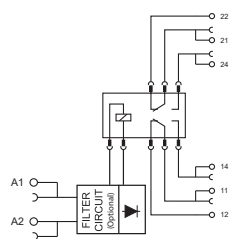
## Giriş

Giriş tipi	Röle çekme gerilimi	Röle bırakma gerilimi
6VDC, 12VDC, 24VDC	>%80 x U <sub>N</sub>	<%40 x U <sub>N</sub>
12VAC/DC, 24V AC/DC	>%80 x U <sub>N</sub>	<%40 x U <sub>N</sub>
48VDC, 60VDC, 115VDC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
48V AC/DC, 60V AC/DC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
115V AC/DC, 230V AC/DC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
230V AC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
115VAC/DC(Filtreli)	>%80 x U <sub>N</sub>	<%65 x U <sub>N</sub>
230VAC/DC(Filtreli)	>%80 x U <sub>N</sub>	<%75 x U <sub>N</sub>
230VAC(Filtreli)	>%80 x U <sub>N</sub>	<%65 x U <sub>N</sub>

## Diğer

Röle indikatörü	Yeşil LED
Bağlantı şekli	Vidalı klemens
Maksimum kablo kesiti	2.5mm <sup>2</sup>
Maksimum tork	0.4Nm
Montaj	Raya montaj
Montaj rayı	MR 35 x 7.5 / MR 35 x 15
Paketleme	10 adet

## Blok Şeması / Block Diagram:



\*\*\* NOT : Ürün isminde görülen "F" harfi, ilgili üründe filtre bulunduğunu gösterir.  
\*\*\* NOTE : The letter "F" which is seen in product name, indicates related product has internal filter.

**UL Specifications:**  
"Surrounding air temperature rating of 60°C for KPR. "Use 60/75°C copper (CU) wire only" or equivalent "AWG Range: 14-26 Stranded or Solid" or equivalent "Field Wiring Terminal Tightening Torque 0.6 N-m" or equivalent End plate for KPR models to be installed according to manual/installation instructions. "For use in Pollution Degree 2 Environment" or equivalent.

## SOKET / SOCKET

Sip.no / Or. no	Paket / Packaging
272 505	10 adet / 10 pcs.
272 521	10 adet / 10 pcs.
272 525	10 adet / 10 pcs.
272 541	10 adet / 10 pcs.
272 545	10 adet / 10 pcs.
272 561	10 adet / 10 pcs.
272 565	10 adet / 10 pcs.
272 581	10 adet / 10 pcs.
272 585	10 adet / 10 pcs.
272 601	10 adet / 10 pcs.
272 605	10 adet / 10 pcs.
272 607	10 adet / 10 pcs.
272 621	10 adet / 10 pcs.
272 623	10 adet / 10 pcs.
272 627	10 adet / 10 pcs.
272 629	10 adet / 10 pcs.

## RÖLE / RELAY

Bobin / Coil	Bobin gücü / Coil power	Sip. no / Or. no	Paket / Packaging
5VDC	400mW	095 054	50 adet / 50 pcs.
12VDC	400mW	095 053	50 adet / 50 pcs.
12VDC	400mW	095 053	50 adet / 50 pcs.
24VDC	400mW	095 052	50 adet / 50 pcs.
24VDC	400mW	095 052	50 adet / 50 pcs.
48VDC	400mW	095 051	50 adet / 50 pcs.
48VDC	400mW	095 051	50 adet / 50 pcs.
48VDC	400mW	095 051	50 adet / 50 pcs.
48VDC	400mW	095 051	50 adet / 50 pcs.
110VDC	400mW	095 050	50 adet / 50 pcs.
110VDC	400mW	095 050	50 adet / 50 pcs.
110VDC	400mW	095 050	50 adet / 50 pcs.
110VDC	400mW	095 050	50 adet / 50 pcs.
110VDC	400mW	095 050	50 adet / 50 pcs.
110VDC	400mW	095 050	50 adet / 50 pcs.
110VDC	400mW	095 050	50 adet / 50 pcs.

## ACCESSORIES

Type	Or. no	Packaging
Plug-in bridge for 8 hole	476 900	25 pcs.
Label	505 390	360 pcs.

## CONTACT DATA

Contact type	2 CO
Contact material	AgSnO <sub>2</sub>
Contact rating (cosφ=1)	8A 250VAC / 30VDC
Max. switching voltage	400VAC / 300VDC
Max. switching current	2X8A
Max. switching power	2000VA / 240W
Mechanical life	1 x 10 <sup>7</sup> operations
Electrical life (UL approval)	(NO) 3 x 10 <sup>4</sup> operations (85°C) (NC) 1 x 10 <sup>5</sup> operations (85°C)

## General

Isolation resistance	1000MΩ (500VDC)
Dielectric strength	Between relay coil and contacts 5000VAC 1 min.
	Between relay contacts 1000VAC 1 min.
Operate time (at nominal voltage)	15msn max.
Release time (at nominal voltage)	8ms max.
Humidity	%5 .. %85 (non-condensing)
Operating temperature	-40°C .. +85°C

## Input

Input type	Operate voltage	Release voltage
6VDC, 12VDC, 24VDC	>%80 x U <sub>N</sub>	<%40 x U <sub>N</sub>
12VAC/DC, 24V AC/DC	>%80 x U <sub>N</sub>	<%40 x U <sub>N</sub>
48VDC, 60VDC, 115VDC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
48V AC/DC, 60V AC/DC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
115V AC/DC, 230V AC/DC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
230V AC	>%80 x U <sub>N</sub>	<%30 x U <sub>N</sub>
115VAC/DC(Filtered)	>%80 x U <sub>N</sub>	<%65 x U <sub>N</sub>
230VAC/DC(Filtered)	>%80 x U <sub>N</sub>	<%75 x U <sub>N</sub>
230VAC(Filtered)	>%80 x U <sub>N</sub>	<%65 x U <sub>N</sub>

## Other

Relay indicator	Green LED
Connection type	Screw terminals
Max. cable cross-section	2.5mm <sup>2</sup>
Max. torque	0.4Nm
Mounting type	Rail mounted
Mounting rail	MR 35 x 7.5 / MR 35 x 15
Packaging unit	10 pcs.

## Boyutlar / Dimensions:

