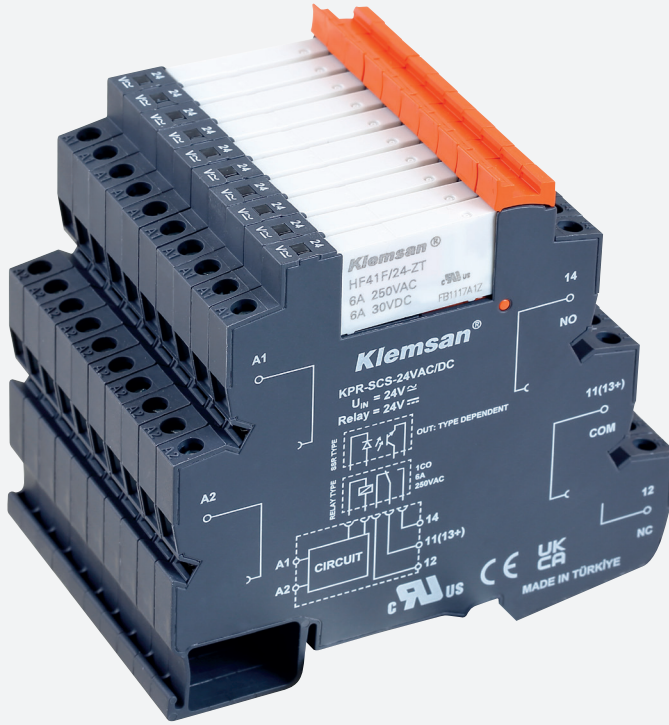
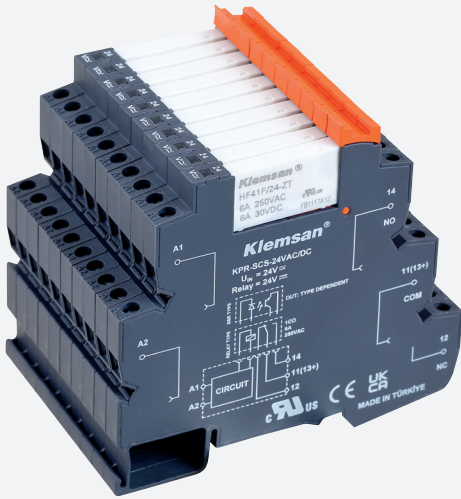




PLC Interface Relay Series

Klemsan new PLC interface relay series with new colors is an electrically operated relay series that has 6VDC input to 230V AC/DC options and provides isolation between control circuits and controlled circuits. It is designed to provide maximum efficiency for different projects thanks to its 6.2mm width and support for both electromechanical and SSR (Solid State Relay).

- Input voltage options between 6V and 230V,
- DC and AC supply voltage options,
- Electromechanical and SSR support in the same enclosure
- Saving in cable connection time with cross-connection,
- 6A switching current under 250V AC,
- Space saving with 6.2mm design,
- LED status indicator to see the actual movement of the contacts,
- Labeling with terminal block marking materials,
- Special filter design that is not affected by voltage leaks
- Maximum resistance to interference with Electromagnetic Compatibility (EMC) certificate,
- Self-extinguishing plastic casing,
- UL certification



Product Name	Order No	Definition	6V	12V	24V	48V	60V	115V	230V	AC	DC	AC/DC	Filtered Design	Max. Switching Current	Dimension
KPR-SCS-6VDC-1C	271003	Interface Relay Module	√								√			6A	6,2 mm
KPR-SCS-6VDC	271004	Interface Relay Socket	√								√			6A	6,2 mm
KPR-SCS-12VAC/DC-1C	271009	Interface Relay Module		√								√		6A	6,2 mm
KPR-SCS-12VAC/DC	271010	Interface Relay Socket		√								√		6A	6,2 mm
KPR-SCS-12VDC-1C	271013	Interface Relay Module		√							√			6A	6,2 mm
KPR-SCS-12VDC	271014	Interface Relay Socket		√							√			6A	6,2 mm
KPR-SCS-24VAC/DC-1C	271019	Interface Relay Module			√							√		6A	6,2 mm
KPR-SCS-24VAC/DC	271020	Interface Relay Socket			√							√		6A	6,2 mm
KPR-SCS-24VDC-1C	271023	Interface Relay Module			√						√			6A	6,2 mm
KPR-SCS-24VDC	271024	Interface Relay Socket			√						√			6A	6,2 mm
KPR-SCS-48VAC/DC-1C	271029	Interface Relay Module				√						√		6A	6,2 mm
KPR-SCS-48VAC/DC	271030	Interface Relay Socket				√						√		6A	6,2 mm
KPR-SCS-48VDC-1C	271033	Interface Relay Module				√					√			6A	6,2 mm
KPR-SCS-48VDC	271034	Interface Relay Socket				√					√			6A	6,2 mm
KPR-SCS-60VAC/DC-1C	271039	Interface Relay Module					√					√		6A	6,2 mm
KPR-SCS-60VAC/DC	271040	Interface Relay Socket					√					√		6A	6,2 mm
KPR-SCS-60VDC-1C	271043	Interface Relay Module					√				√			6A	6,2 mm
KPR-SCS-60VDC	271044	Interface Relay Socket					√				√			6A	6,2 mm
KPR-SCS-115VAC/DC-1C	271049	Interface Relay Module						√				√		6A	6,2 mm
KPR-SCS-115VAC/DC	271050	Interface Relay Socket						√				√		6A	6,2 mm
KPR-SCS-115VDC-1C	271053	Interface Relay Module						√			√			6A	6,2 mm
KPR-SCS-115VDC	271054	Interface Relay Socket						√			√			6A	6,2 mm
KPR-SCL-115VAC/DC-1C	271055	Interface Relay Module						√				√	√	6A	6,2 mm
KPR-SCL-115VAC/DC	271056	Interface Relay Socket						√				√	√	6A	6,2 mm
KPR-SCS-230VAC/DC-1C	271059	Interface Relay Module							√			√		6A	6,2 mm
KPR-SCS-230VAC/DC	271060	Interface Relay Socket							√			√		6A	6,2 mm
KPR-SCS-230VAC-1C	271061	Interface Relay Module							√	√				6A	6,2 mm
KPR-SCS-230VAC	271062	Interface Relay Socket							√	√				6A	6,2 mm
KPR-SCL-230VAC/DC-1C	271065	Interface Relay Module							√			√	√	6A	6,2 mm
KPR-SCL-230VAC/DC	271066	Interface Relay Socket							√			√	√	6A	6,2 mm
KPR-SCL-230VAC-1C	271067	Interface Relay Module							√	√			√	6A	6,2 mm
KPR-SCL-230VAC	271068	Interface Relay Socket							√	√			√	6A	6,2 mm



Klemsan®

PLC Rôle / 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-SCS-6VDC-1C	6VDC	271003	10 adet / 10 pcs.
KPR-SCS-12VAC/DC-1C	12VAC/DC	271009	10 adet / 10 pcs.
KPR-SCS-12VDC-1C	12VDC	271013	10 adet / 10 pcs.
KPR-SCS-24VAC/DC-1C	24VAC/DC	271019	10 adet / 10 pcs.
KPR-SCS-24VDC-1C	24VDC	271023	10 adet / 10 pcs.
KPR-SCS-48VAC/DC-1C	48VAC/DC	271029	10 adet / 10 pcs.
KPR-SCS-48VDC-1C	48VDC	271033	10 adet / 10 pcs.
KPR-SCS-60VAC/DC-1C	60VAC/DC	271039	10 adet / 10 pcs.
KPR-SCS-60VDC-1C	60VDC	271043	10 adet / 10 pcs.
KPR-SCS-115VAC/DC-1C	115VAC/DC	271049	10 adet / 10 pcs.
KPR-SCS-115VDC-1C	115VDC	271053	10 adet / 10 pcs.
KPR-SCL-115VAC/DC-1C	115VAC/DC	271055	10 adet / 10 pcs.
KPR-SCS-230VAC/DC-1C	230VAC/DC	271059	10 adet / 10 pcs.
KPR-SCS-230VAC-1C	230VAC	271061	10 adet / 10 pcs.
KPR-SCL-230VAC-1C	230VAC	271067	10 adet / 10 pcs.

AKSESUARLAR

Tip	Sip.no	Paket
8"li köprü	476 606	50 adet
16"li köprü	476 605	25 adet
	505 390	360 adet

KONTAK BİLGİLERİ

Kontak tipi	1 CO
Kontak malzemesi	AgSnO ₂
Kontak kapasitesi (cosφ=1)	6A 250VAC / 30VDC
Maksimum anahtarlama gerilimi	400VAC / 125VDC
Maksimum anahtarlama akımı	6A
Maksimum anahtarlama gücü	1500VA / 180W
Mekanik ömür	1 x 10 ⁷ anahtarlama
Elektriksel ömür (UL onayı)	(NO) 3 x 10 ⁴ anahtarlama (85°C)
	(NC) 1 x 10 ⁴ anahtarlama (85°C)

Genel

İzolasyon direnci		1000MΩ (500VDC)
Dielektrik dayanımı	Röle bobini ve kontakları arası	4000VAC 1 dakika
	Röle kontakları arası	1000VAC 1 dakika
Çekme süresi (nominal gerilimde)		10msn maks.
Bırakma süresi (nominal gerilimde)		5msn maks.
Bağıl nem		%5 .. %85 (Yoğuşma olmadan)
Çalışma sıcaklığı		-40°C .. +85°C

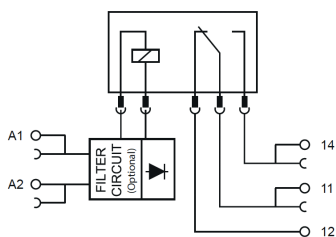
Giriş

Röle çekme gerilimi	$>0{,}85 \times U_N$
Röle bırakma gerilimi	$<0{,}40 \times U_N$
Röle çekme gerilimi(115VAC/DC-Filtreli)	$>0{,}80 \times U_N$
Röle bırakma gerilimi(115VAC/DC-Filtreli)	$<0{,}55 \times U_N$
Röle çekme gerilimi(230VAC-Filtreli)	$>0{,}60 \times U_N$
Röle bırakma gerilimi(230VAC-Filtreli)	$<0{,}50 \times U_N$

Diğer

Röle indikatörü	Yeşil LED
Bağlantı şekli	Vidalı klemens
Maksimum kablo kesiti	2.5mm ²
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 "L" har i, ilgili üründe iltre bulunduğunu gösterir.
 *** **NOTE** : The letter "L" which is seen in product name, indicates related product has internal .

UL

• "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
271004	10 adet / 10 pcs.
271010	10 adet / 10 pcs.
271014	10 adet / 10 pcs.
271020	10 adet / 10 pcs.
271024	10 adet / 10 pcs.
271030	10 adet / 10 pcs.
271034	10 adet / 10 pcs.
271040	10 adet / 10 pcs.
271044	10 adet / 10 pcs.
271050	10 adet / 10 pcs.
271054	10 adet / 10 pcs.
271056	10 adet / 10 pcs.
271060	10 adet / 10 pcs.
271062	10 adet / 10 pcs.
271068	10 adet / 10 pcs.

RÖLE / RELAY

[illegible]

ACCESSORIES

Type	Or. no	Packaging
Plug-in bridge for 8 hole	476 606	50 pcs.
Plug-in bridge for 16 hole	476 605	25 pcs.
Label	505 390	360 pcs.

CONTACT DATA

Contact type	1 CO
Contact material	AgSnO ₂
Contact rating (cosφ=1)	6A 250VAC / 30VDC
Max. switching voltage	400VAC / 125VDC
Max. switching current	6A
Max. switching power	1500VA / 180W
Mechanical life	1 x 10 ⁷ operations
Electrical life (UL approval)	(NO) 3 x 10 ⁴ operations (85°C) (NC) 1 x 10 ⁴ operations (85°C)

General

Isolation resistance		1000MΩ (500VDC)
Dielectric strength	Between relay coil and contacts	4000VAC 1 min.
	Between relay contacts	1000VAC 1 min.
Operate time (at nominal voltage)		10msec max.
Release time (at nominal voltage)		5msec max.
Humidity		%5 .. %85 (non-condensing)
Operating temperature		-40°C .. +85°C

Input

Operate voltage	>%85 x U_N
Release voltage	<%40 x U_N
Operate Voltage(115VAC/DC-Filtered)	>%80 x U_N
Release Voltage(115VAC/DC-Filtered)	<%55 x U_N
Operate Voltage(230VAC-Filtered)	>%60 x U_N
Release Voltage(230VAC-Filtered)	<%50 x U_N

Other

Relay indicator	Green LED
Connection type	Screw terminals
Max. cable cross-section	2.5mm ²
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:

