

AUTOMATIC CONTROL PARTS

MICRO SWITCH

- High reliability of Micro Switch.
- 15A switching capacity.
- Suitable for high performance.
- Various kinds of actuators such as push button type, hinge lever type etc.
- Excellent electric insulation due high tendency of heat resistance & arc-resistance.



DIZ-150B-L01



DIZ-150B-L02



DIZ-150B-LP



DIZ-150B-L03



DIZ-150B-L04



DIZ-150B-L05



DIZ-150B-AR



DIZ-150B-L0W



DIZ-150B-P06



DIZ-150B-P07



DIZ-150B-L07



DIZ-150B-P08



DIZ-150B-P09



DIZ-150B-P10



TERMINAL COVER

Call, Click or Stop By for easy access to thousands of parts!

keesang.co.kr

AUTOMATIC CONTROL PARTS

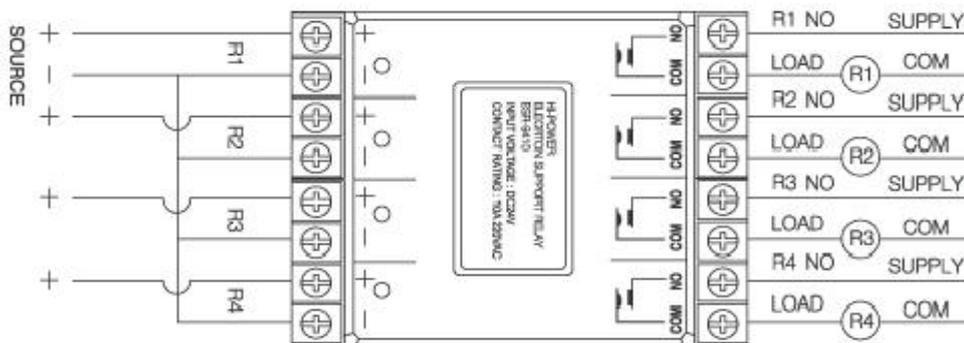
P.L.C Support Relay

The P.L.C Support Relay (PSR-9410) the FA machinery and tools to connect with the P.L.C which it goes round and in order to be suitable in the place which it uses, the portion which the existing products is insufficient to complement, (Contact : 10A, Operational speed : 10ms, Lift, Bulk) it is a product which is the reliability which is developed newly.

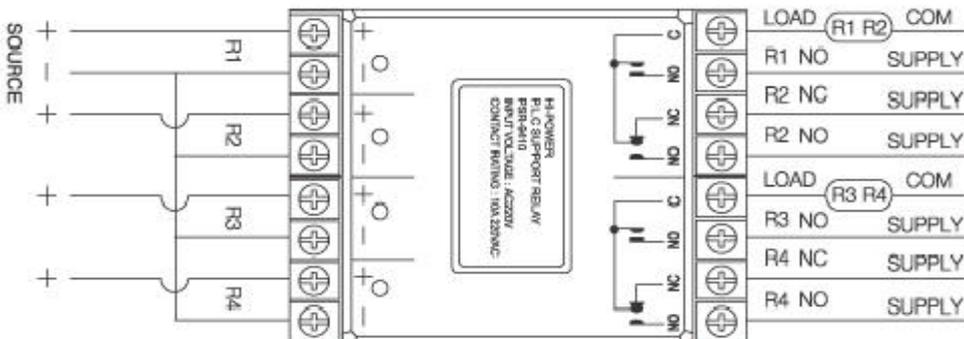


PSR-9410

PSR-9410-□-40(4a)



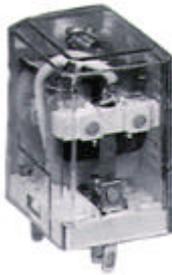
PSR-9410-□-42 (4a2b)



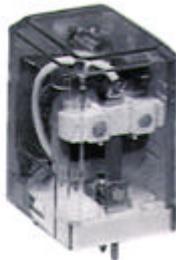
AUTOMATIC CONTROL PARTS

Power Relay

Item	Performance
Contact resistance	below 30m (initial value)
Insulation resistance	above 100M (DC 500V Meg)
Withstand voltage	between contacts : AC 1000V / 1min between charging part : AC 1500V / 1min and non - charging part : AC 1500V / 1min
Lift time	mechanical : above 3,000,000 times electrical : above 500,000 times
Power consumption	for AC : about 1.2VA for DC : about 0.9W
Operating time	below 20ms
Return time	below 20ms
Withstand vibration	10~55Hz double amplitude 1.0mm
Withstand impact	20G
Max. switching frequency	mechanical : 20times / min electrical : 20times / min
Ambient temperature	-10 +40
Weight	about 33g

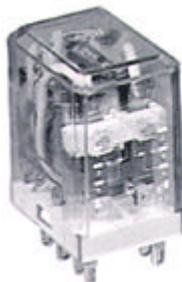


KSM-101S

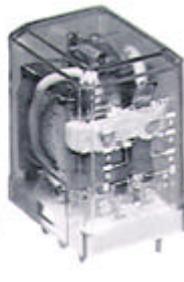


KSM-101P

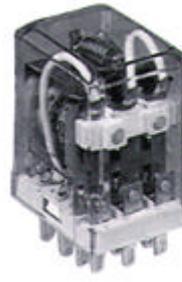
Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 110V, 10A AC 220V, 7A DC 24V, 10A	AC 110V, 3A AC 220V, 3A DC 24V, 3A
Carry current		10A
Max. switching capacity	AC 1540VA DC 168W	AC 660VA DC 72W
Max. switching current		10A



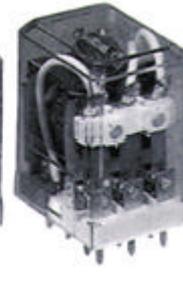
KSM-102S



KSM-102P



KSM-103S

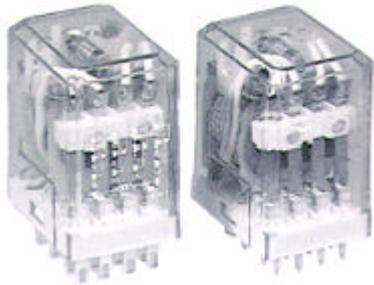


KSM-103P

Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 110V, 5A AC 220V, 5A DC 24V, 5A	AC 110V, 2A AC 220V, 2A DC 24V, 2A
Carry current		5A
Max. switching capacity	AC 1100VA DC 120W	AC 440VA DC 48W
Max. switching current		5A

AUTOMATIC CONTROL PARTS

Power Relay

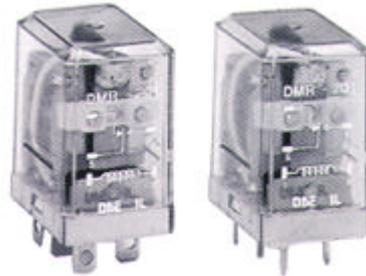


KSM-104S

KSM-104P

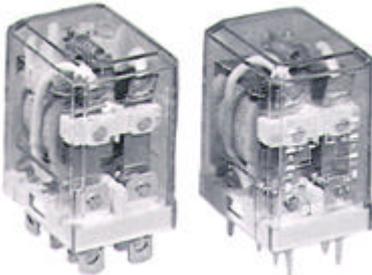
Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 110V, 3A AC 220V, 3A DC 24V, 3A	AC 110V, 2A AC 220V, 0.8A DC 24V, 1A
Carry current		3A
Max.switching capacity	AC 660VA DC 72W	AC 176VA DC 24W
Max.switching current		3A

Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 110V, 15A AC 220V, 10A	AC 110V, 10A AC 220V, 7A DC 24V, 10A
Carry current		15A



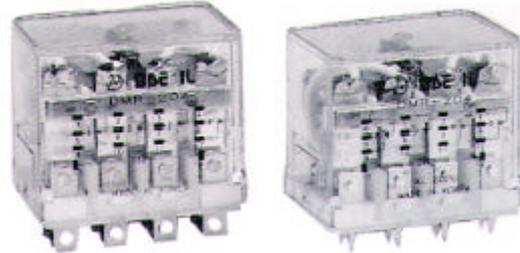
KSM-201S

KSM-201P



KSM-202S

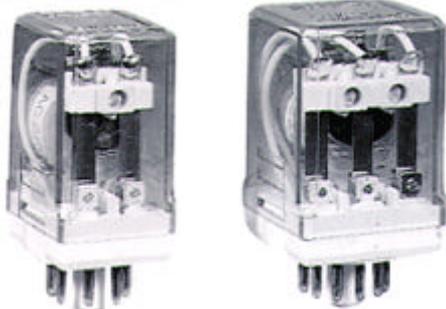
KSM-202P



KSM-204S

KSM-204P

Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 110V, 10A AC 220V, 7A	AC 110V, 7.5A AC 220V, 5A DC 24V, 7.5A
Carry current		10A
Max.switching capacity	AC 1650VA DC 240W	AC 1100VA DC 225W
Max.switching current		10A



KSM-302

KSM-303

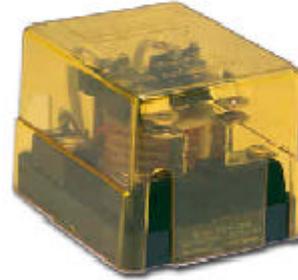
Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 110V, 10A AC 220V, 7.5A DC 24V, 7A	AC 110V, 7.5A AC 220V, 5A DC 24V, 7.5A

***Note : This is same KSM-202 and KSM-204 except Rated load.**

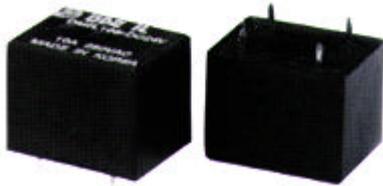
AUTOMATIC CONTROL PARTS

Power Relay

Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 110V, 30A DC 24V, 15A	AC 110V, 20A DC 24V, 7.5A
Carry current	30A	
Max.switching capacity	AC 500VA	DC 250V
Max.switching current	30A	



KSP-402



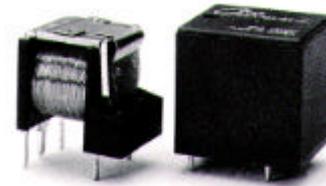
KSM-105

Item / Load	Resistive load (cos = 1)	Inductive load (cos = 0.4 L/R = 7ms)
Rated load	AC 125V, 10A DC 30V, 10A	AC 125V, 5A DC 30V, 5A
Carry current	10A	
Max.switching capacity	AC 1250VA	AC 625VA
Max.switching current	DC 300	DC 150W
		10A

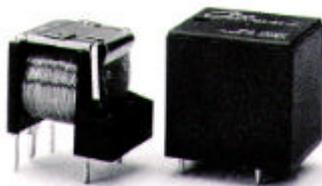
Contact Spec	No contact Resistive load (cos = 1)	Inductive load (cos = 0.4)
1 Form A	30A	12A
1 Form C	20A	10A
	Nc contact Resistive load (cos = 1)	Inductive load (cos = 0.4)
1 Form A	-	-
1 Form C	15A	7A



KSM-106



KSM-108



KSM-107

Contact Spec	NResistive load (cos =1)	Inductive load (cos =0.4)
1 Form A	20A	10A
1 Form B (NC)	15A	7A
1 Form C	15A	7A

Reay Socket

Relay socket at random position to rail, may attachment is easy by One touch, and attaches and fix to panel.



KSD-701



KSD-702



KSD-703

The product which is in the process of developing now!!



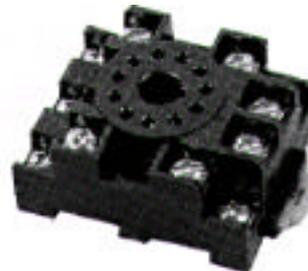
KSD-704



KSD-705



KSD-706

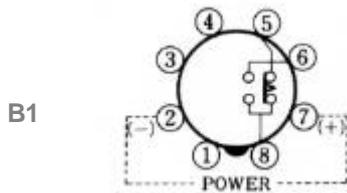


KSD-707

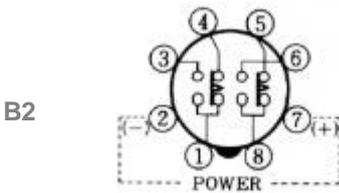
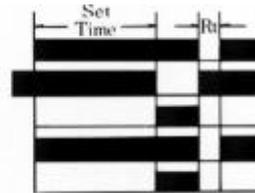
AUTOMATIC CONTROL PARTS

Timer

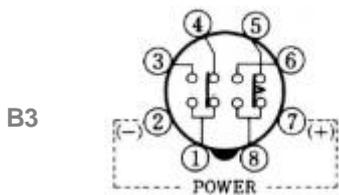
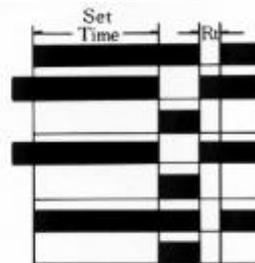
- Electronic timer using exclusive ic make time range wide.
- Compact size make it possible to use in small space.
- Easily check up working thru power on, Time up Lamp.
- Employed small but reliable relay in out-put part.
- Electric consumption is small. (AC, ABT 1.2VA)
- Can be used both in hidden and exposed type. (KDTR-11, KDTR-20, KDTR-22, KDTR-30, KDTR-48)



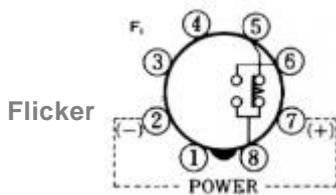
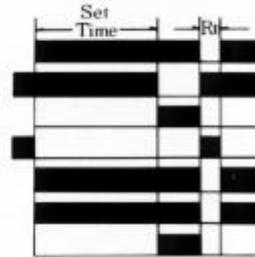
2.7 (Power)
8.5 (NC)
8.6 (NC)
On Indicator (G) LED
Up Indicator (R) LED



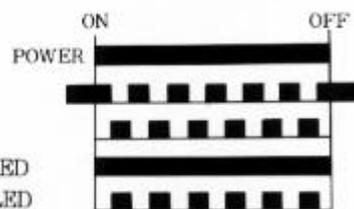
2.7 (Power)
8.5 (NC)
8.6 (NO)
1.4 (NC)
1.3 (NO)
On Indicator (G) LED
Up Indicator (R) LED



2.7 (Power)
8.5 (NC)
8.6 (NO)
1.4 (NC)
1.3 (NO)
On Indicator (G) LED
Up Indicator (R) LED



F1
F2
8.5 (NC) 1.4
8.6 (NO) 1.3
On Indicator (G) LED
Up Indicator (R) LED



KDTR-20 (Socket & Panel combined type)



KDTR-22 (Socket & Panel combined type)



KDTR-30 (Panel type)

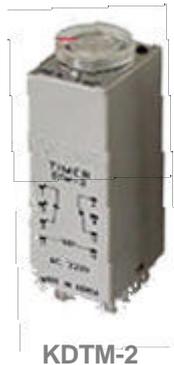


KDTR-48 (Socket & Panel combined type)

AUTOMATIC CONTROL PARTS

Timing Relay

- Small but high precision.
- Attachment area is same as DMR TYPE.
- Operating is shown by pilot lamp of power on time up .



Item	Performance
Repetition error	below $\pm 0.2\% \pm 20\text{ms}$
Set error	below 10%
Mechanical lifetime	above 5,000,000 times
Return time	below 100ms
Allowable voltage variation range	85~110% Vn
Voltage error	below $\pm 0.2\% \pm 20\text{ms}$
Ambient temperature	-10 ~ 50
Temperature error	below $\pm 5\%$
Ambient humidity	30~85%RH
Withstand voltage	Electric circuit earth AC 1500V / 1min
	Between each circuits AC 1000V / 1min
	Between contact gaps AC 700V / 1min
Insulation resistance	above 100M
Withstand vibration	16.7Hz double amplitude 4.0mm
Withstand impact	20G
Weight	about 44g

Plug-in Type	Operating pattern	Contact form	Rating Conductive current (A)	Rating voltage(V)	Max. Time spec
KDTM-2		2A 2B	5A	DC 12V DC 24V	1Sec, 5Sec 10Sec, 15Sec
KDTM-2L	On-delay	2A 2B	5A	DC 48V DC 110V	30Sec, 60Sec 5Min, 10Min
KDTM-4		4A 4B	3A	AC 110V 50/60Hz AC 220V 50/60Hz	15Min, 30Min 60Min

AUTOMATIC CONTROL PARTS

Floatless Switch



KDFS-8PC

- Use when needed control of liquid surface Multi-Purpose for purifying water to be used for agriculture, sewage and dirty water treatments.
- Easy to install due to small in size and light in weight.
- Voltage of electrode(2 voltage) is operated by AC 12V.

- The item is fixed at 220v in time of delivery.
- After checking up in-put voltage in case of AC 380V, open up the covering and fix the switch to AC 380V when in use.
- In case an electric current of motor pump is under 20A, Direct operation is good, but in case of over 20A, it is recommended to use proper electronic closing device for longer life-span of the device.



KDFS-2000



KDFH-E3 (Electrode Fixed Connector)

- Long durability by employing phenol(black) in the body connecting part.
- Material of electrode is brass coated with nickel, and contacting resistance is minimized, and effectively prevent corrosion due to moisture.

KDEL P Series

KDEL P-160 (Inner Type)

- The type which is various (Round type, Diamond type, Flat type) with hue cred, yellow, green, white, transparency) with it selects.
- The price is cheap with the product where the light bulb attaches.
- On the product inside it dwns it is a product which it improves with reflector affix.



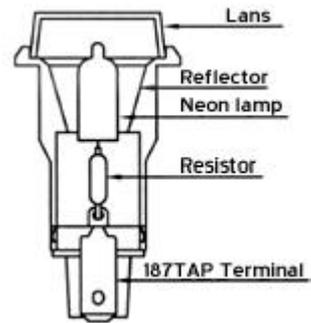
KDEL P-160F



KDEL P-160D



KDEL P-160R

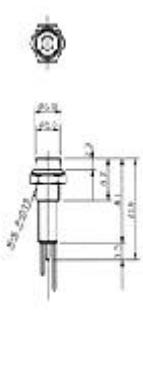


KDEL P-160

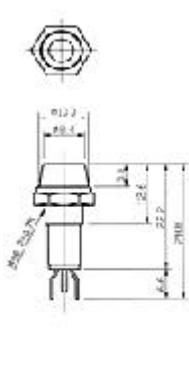
- In quality and use voltage of the LED mac the loach the direct use is possible with the product which is planned.



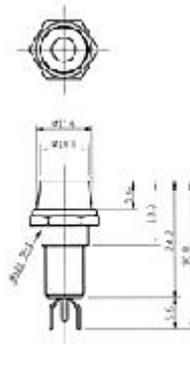
KDEL P-6



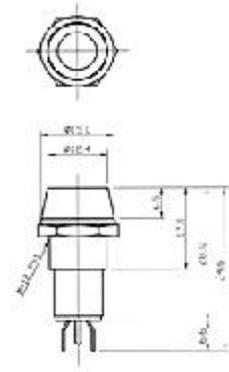
KDEL P-8



KDEL P-10



KDEL P-12



AUTOMATIC CONTROL PARTS

Indicator, Signal Lamp

KDL Series (Lamp Holder)

- Wide range of option thru verstatile color and kinds.
- A combined use with solder, wire-wrap, terminal.
- Ready-made color : red, green, orange, white transparent.
- Order-made color : all colors except 5 colors-above.



KDL-D16



KDL-F16



KDL-R16



KDL-D18



KDL-F18



KDL-R18

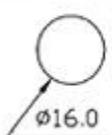
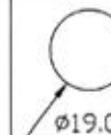


KDL-D20



KDL-R20

Rating voltage	AC 1.5W MAX
Withstand voltage	AC 1500V / 1Min
Insulation resistance	A 100M (DC 500V)
Bulb Type	Wedge base Type
CAP color	R, Y, G, W, T
Panel thickness	7mm

DL-16	DL-18	DL-20
		
ø16.0	ø17.5	ø19.0

KDN Series (Neon Indicator Lamp)

- Wide range of option thru verstatile color and kinds.
- Small size and easy to use in small space.
- A combined use with solder, wire-wrap, terminal .
- Proper prptective resistance make lift-span semipermanent.
- Good for long time use due to no heat.
- Excellent for electric disconnection due to employing heat combustion and resistance materials in the plastic part .
- Ready-made color : red, green, orange white transprent .
- Order-made color : all colors except 5 colors above.



KDN-1



KDN-2



KDN-L2



KDN-3



KDN-F12



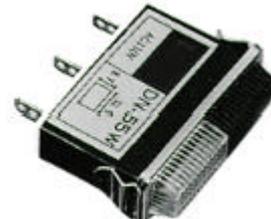
KDN-R12



KDN-D12



KDN-55



KDN-55W

DN-55, 55W	DN-1, 2, 3	DN-D, R, F(12)

Rating voltage	AC 100V, AC 220V
Withstand voltage	AC 1500V / Min
Insulation resistance	A100M (DC500V)
Life tune Hr	Min 20,000 Hr
Electric begin voltage	about AC75V
Rating current	about 1.7mA
Insulation material	P.B.T.GLASS 30%
Color	R, Y, G, W, T