KAYCEE

BRAND THAT SETS THE STANDARD

Since 1942

GENERAL PURPOSE & POWER RELAY

Reliable Performance. Engineered to Last.



- High Electrical Endurance
- Fast Switching Response
- Compact Construction
- Long Service Life
- Multiple Configurations

9324780418/8208712614

www.kayceeindustries.com

ABOUT US



Established in 1942, Kaycee Industries Limited is a leading manufacturer of high-quality electrical switching & control solutions. Our diverse product portfolio includes rotary switches, cam switches, limit switches, relays, terminal blocks, auxiliary switches, & customized electromechanical solutions that serve industries across India & global markets.

Driven by engineering excellence, innovation, & uncompromising quality, we deliver reliable products for industrial automation, power, infrastructure, railways, renewable energy, and OEM applications. Backed by advanced manufacturing facilities, stringent quality standards, & a customer-centric approach, Kaycee continues to build lasting partnerships by delivering dependable solutions that meet evolving industry needs.


CERTIFICATE

dqs

This is to certify that

Kaycee Industries Limited
Plot No. 34,36 &27/1/4,Near CNG Pump
Wimco Naka, Kalyan – Badlapur Road
Ambernath (WEST)
Dist. Thane- 421501
Mumbai, Maharashtra
INDIA

has implemented and maintains a Quality Management System.

Scope:
The Design and Development and Manufacture of Low voltage Switch gear, Control gear,Sensitive Toggle, Micro & Limit switches, Water-meters, Counters, Time Totalizers & Cable terminal Lugs.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	50 0001 QM15
Date of original certification	2024-09-09
Valid from	2024-09-09
Valid until	2027-03-26
Date of certification	2024-09-09

Deutsch Quality Systems (India) Pvt. Ltd.

Dr. K. Mrugan
Managing Director

IQNET

Accredited Body: Deutsch Quality Systems (India) Pvt., Ground Floor, South Wing, Nishrawi Tech Park, Sy.No.56/1 and 153, Bellandur Gate, Sarjapur Main Road, Ambalipura, Bengaluru - 560 35 – India
The validity of the certification can only be verified by the QM-code.

80+ YEARS EXPERIENCE
A legacy of trust & engineering excellence since 1942

QUALITY ASSURED
ISO certified processes ensuring consistent quality and reliability.

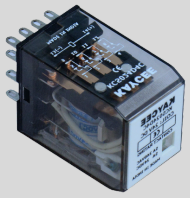
TRUSTED BY LEADING OEMS
Preferred partner for OEMs & industrial customers.

CUSTOM ENGINEERING
Tailor-made solutions built to meet unique customer requirements.

PAN INDIA NETWORK
Strong distribution & service network across India

GLOBAL PRESENCE
Serving customers in international markets with pride.

SPECIFICATIONS



KCS Series (3A & 5A) – Plug-in Type Enclosed Relays with LED Indication, Available in 2 & 4 Pole Configurations.



KCS-(5 AMPS)
Plug-in type Enclosed version with LED indication 3 Poles

Contact Arrangement	2, 3, 4 changeover contacts
Contact Ratings.	5 Amps Resistive for 2/3/4 pole Relay with LED display
Contact Resistance	50 m-ohms. Max (Initial)
Insulation Resistance	500 Meg. Ohms at 500 VDC
Ambient Temperature	-15^0 to 55^0 C
Contact Material	Agcdo
Electrical Life	100 x 10^3 at rated voltage
Dielectric strength	As under
Between Contacts	1000V RMS
Between contact and coil	2000V RMS
Operate time at nominal voltage	< 20 m.secs
Release time at nominal voltage	< 10 m.secs
Max. Weight (in grams)	35g

APPLICATIONS	ADVANTAGES
Ideal for power & Sequence control Instrumentation Industrial Controls Automation Systems	High Reliability DIN RAIL mounting and LED Indication

COIL DATA

Nominal Voltage DC & AC	Coil Resistance in Ohms + 10%		Pick-up Voltage (Max)	Release Voltage (Min)	
	DC	AC		DC	AC
6	41	13	4.8	0.6	1.8
12	165	53	9.6	1.2	3.6
18	330	-	14.4	1.8	5.4
24	660	210	19.2	2.4	7.2
48	2640	540	38.4	4.8	14.4
60	4200	-	-	6.0	18
110	13200	4400	88	11	33
220 V DC/240 AC	54000	19000	176/192	22	72

All values at 25 ambient

CODING SYSTEM FOR ORDERING

Product Series

KCS = DIN Rail Mounting
SCREW Type
Sockets

No of Poles Terminals
2, 3 & 4 Poles

KCS 2P 12 A XXX

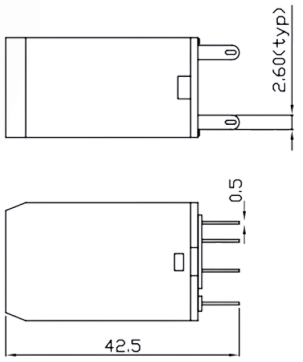
Special Features

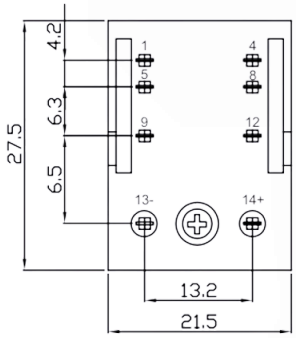
A = AC Voltage
BLANK =DC Voltage

Nominal Voltage
(Refer coil data)

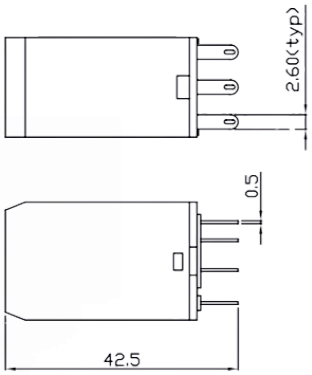
WIRING LAYOUT & DIMENSIONS (NOTE: PCB VERSION AVAILABLE ON REQUEST)

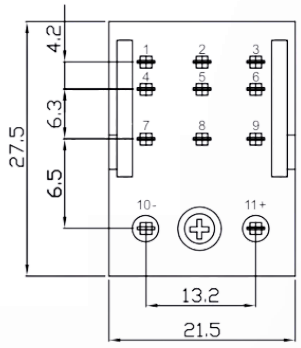
KCS RELAY -
2P ASSEMBLY



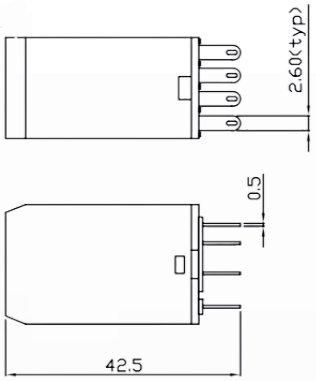


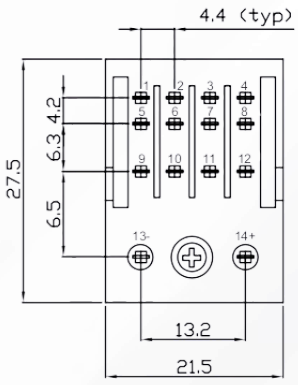
KCS RELAY -
3P ASSEMBLY





KCS RELAY -
4P ASSEMBLY





MINIATURE RELAY 5/10 AMPS PLUG-IN RELAY

SPECIFICATIONS



TYPE KCF/KCT (5/10 AMPS) Plug-in type Enclosed version with LED indication

Contact Arrangement	1, 2 or 3 changeover contacts
Contact Ratings.	5/10 Amps Resistive at 24V DC/240V AC
Contact Resistance	50 milli ohms Max (Initial)
Insulation Resistance	500 Meg. Ohms at 500V DC
Ambient Temperature	-15^0 to $+55^0$ C
Contact Material	Agcdo
Electrical Life	10^5 Operations at rated voltage
Mechanical Life	10^7 Operations
Dielectric strength	As under
Between Contacts	1500V RMS
Between contact and coil	2000V RMS
Operate time at nominal voltage	< 20 m.secs
Release time at nominal voltage	< 10 m.secs
Max. Weight (in grams)	MSC-80g. MK-95g, PCB-80g
Coil Consumption	1.2 Watt/2.4 VA (For 220 VDC 1.5 Watts)

APPLICATIONS		ADVANTAGES
UPS Inverter Voltage stabilizers Process Control systems Instrumentation	Industrial Controls Automation Systems Vending Machines Machine Tools Textile Machineries	High reliability Solder, Plug-in & PCB Version Meeting JSS 50711 Specs

COIL DATA

Nominal Voltage DC & AC	Coil Resistance in Ohms + 10%		Pick-up Voltage (Max)	Release Voltage (Min)	
	DC	AC		DC	AC
6	30	07	4.8	0.6	1.8
12	1P 2P-200/3P-150	30	9.6	1.2	3.6
18	390	55	14.4	1.8	5.4
24	2P. 3P-500/1P-600	110	19.2	2.4	7.2
48	2250	440	38.4	4.8	14.4
60	3400	-	-	6.0	18
110	10K	2400	88	11	33
220 V DC/240 V AC	34K	9700	176/192	22	72

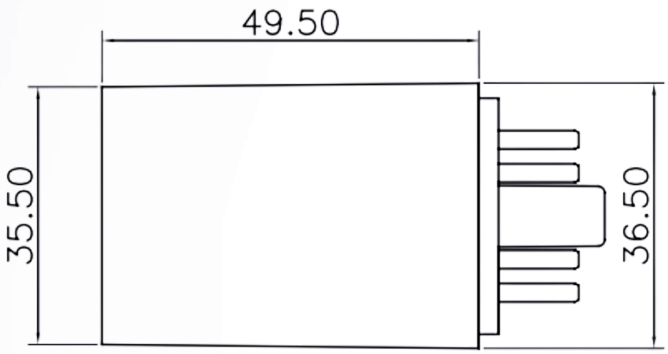
NOTE: For 220V DC Coil Voltage 45K Resisler Can be offered on Request

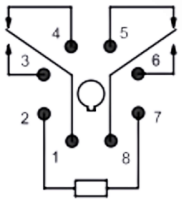
CODING SYSTEM FOR ORDERING

Product Series — KCS | 2P | 12 | A | XXX

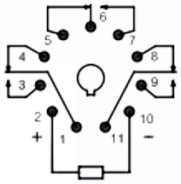
- KCS: KCF=Plug-in Connections, KCT=Plug-in Connection
- 2P: No of Poles Terminals, 1, 2 & 3 Poless
- 12: Nominal Voltage (Refer coil data)
- A: A = AC Voltage, BLANK =DC Voltage
- XXX: Special Features

WIRING LAYOUT & DIMENSIONS (All Dimensions are in mm)





2 POLE



3 POLE

POWER Relay 30/40/60/80/100 AMPS Resistive AT 240VAC/28VDC



KCR BO
(30 AMPSI Enclosed
Version Screw Terminal



KCR BO
(30 AMPSI Enclosed
Version Screw Terminal

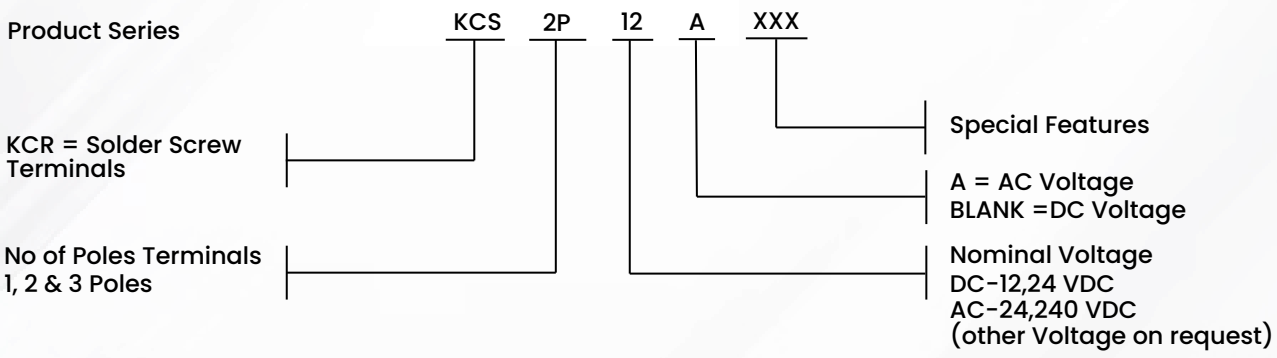


KCR BO
(30 AMPSI Enclosed
Version Screw Terminal

S.No	Tech Data	KCR 30	KCR 40	KCR 60	PRC 80/100
1	Size (mm)	42 X 51 X 67	78 X 48 X 50	78 X 48 X 50	83 X 48 X 72
2	Contact Capacity				
	AC	30A/240V	40A/240V	660A/240V	80A/100A/240V
	DC	30A/28V	40A/28V	60A/28V	80A/100A/28V
3	Contact Resistance	50 Initial	50 Initial	50 Initial	50 Initial
4	Contact Configuration	1P/2P/3P	1P	1P	1P
5	Insulation resistance(ohms)	500 at 500V DC	500 at 500V DC	500 at 500V DC	500 at 500V DC
6	Dielectric Strength				
	Bet. Open Contacts	1500 VAC	1500 VAC	1500 VAC	1500 VAC
	Bet. Coil to Contact	2500 VAC	2500 VAC	2500 VAC	2500 VAC
7	Coil nominal Voltage				
	AC	240V/24V	240V/24V	240V/24V	240V/24VAC
	DC	12V/24V	12V/24V	12V/24V	12V/24V
8	Coil nominal power	DC 2W	DC 2W	DC 2.5W	<3.5W
9	Electrical life Operations	10^5	10^5	0.5×10^5	0.1×10^5
10	Mechanical life Operations	10^7	10^7	10^7	10^7
11	Weight (g)	105	135	135	225

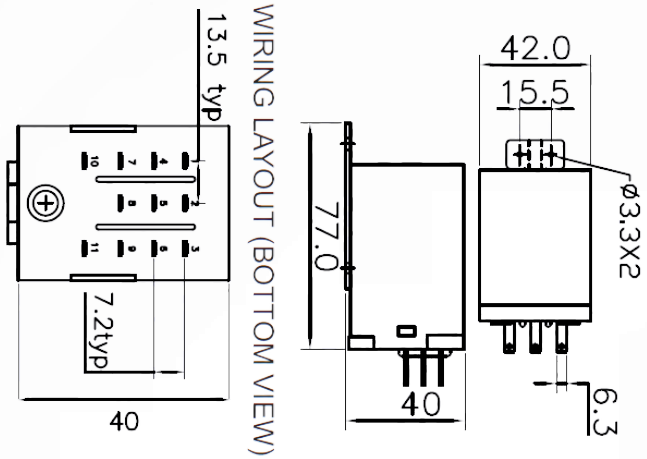
APPLICATIONS		ADVANTAGES
UPS Inverter Voltage stabilizers	Automation Equipment Vending Machines	High reliability Solder, & Screw Terminal

CODDING SYSTEM FOR ORDERING

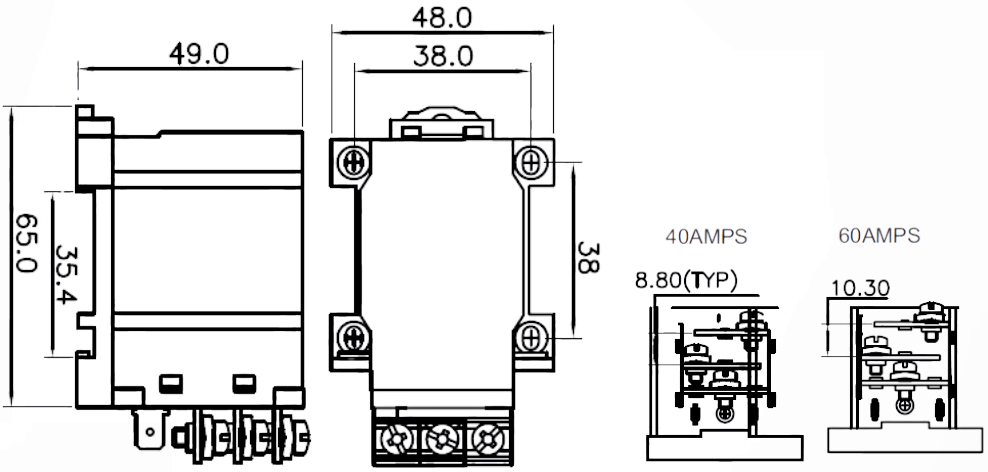


WIRING LAYOUT AND DIMENSION

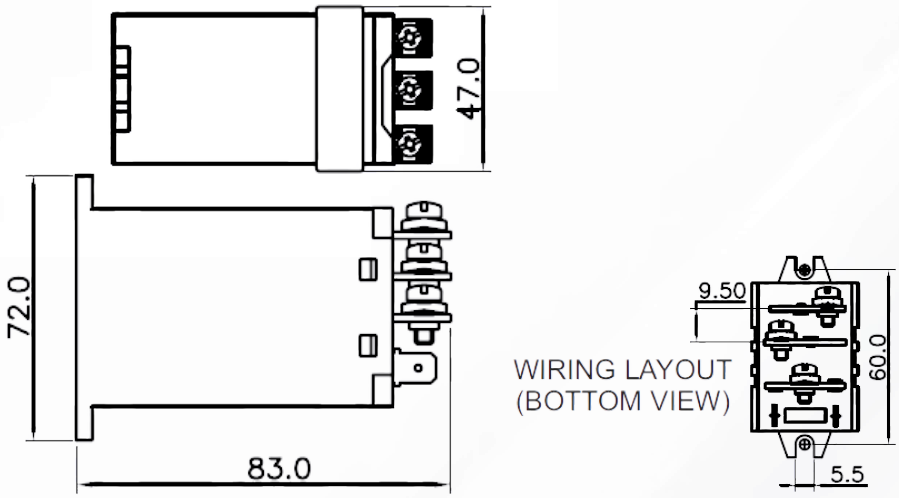
POWER RELAY 30AMPS
OVERALL DIMENSION



POWER RELAY 40AMPS
OVERALL DIMENSION



POWER RELAY 80/100 AMPS
OVERALL DIMENSION



KAYCEE



COMPLETE SWITCHING SOLUTIONS

For Industrial, Infrastructure & Residential Needs

CONTACT US

We are here to help you. Reach out to us for enquiries, support or business collaborations.

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