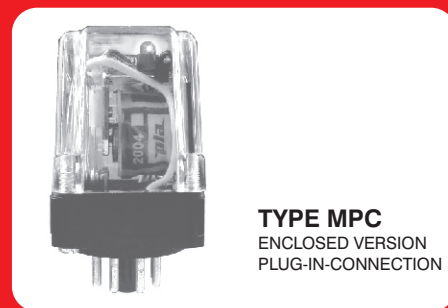
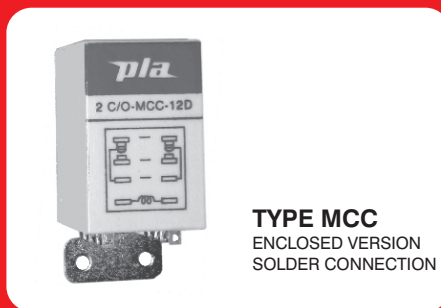
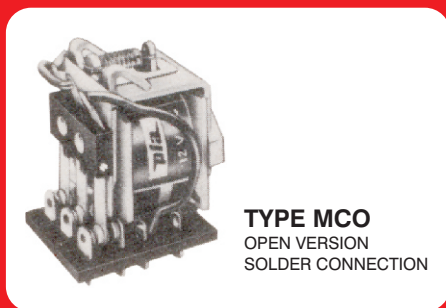


- **LCSO APPROVED**
- **HIGH RELIABILITY**
- **LOW COST**
- **ASSURED DELIVERIES**



SERIES M



MINIATURE RELAYS 6 AMPS RESISTIVE AT 24 V DC/250 V AC

SPECIFICATIONS	
Contact Material	Silver Alloy
Initial Contact Resistance	0.050 Ohms (max.)
Ambient Temp.	-25°C to +55°C
Di-electric Strength	2KV between contacts or coil to ground
Insulation Resistance	100 Meg-Ohms min. at 500 VDC at 27°C & 65% R.H.
Operate Time	0.020 Sec. max. at nominal Voltage
Release Time	0.010 Sec. max at nominal Voltage
Life Expectancy	10 ⁶ operations at rated load
Max. Weight	MCO 60 gms. MCC 80 gms. MPC 90 gms.
Impulse	5 KV

COIL-DATA (All Values at 27°C±2°C ambient)			
Nominal Voltage	Resistance in Ohms ±10%		Must Operate Voltage
	DC Relays	AC Relays	
6	30	7	5
12	200	30	10
18	390	--	15
24	500	110	20
48	2250	440	40
110	10,000	2400	90
220	30,000	--	180
240	--	9500	180



Manufactured by :
PLA COMPONENTS

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - M Series/06-11

ORDERING CODE

NO. OF CONTACTS

1, 2 OR 3

CONTACT FORM

C/O = change over

N/O = normally open

N/C = normally close

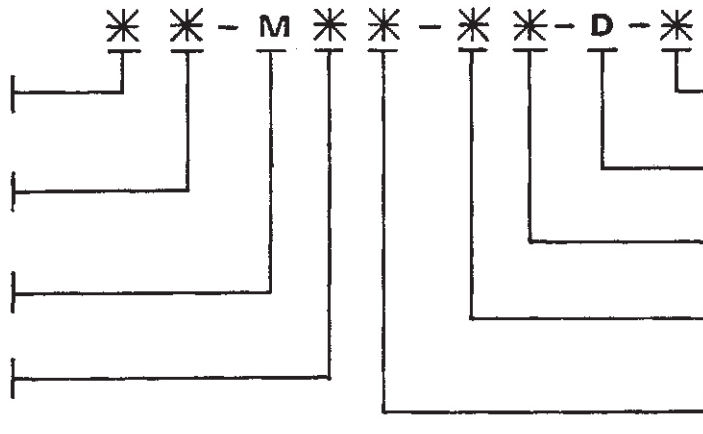
SERIES M

MINIATURE RELAYS

MOUNTING

C = chasis mounting

P = plug-in mounting



SPECIAL FEATURES

Please ask for details

QUALITY

D = defence quality

Omit D for commercial quality

A = AC RELAY

D = DC RELAY

COIL VOLTAGE

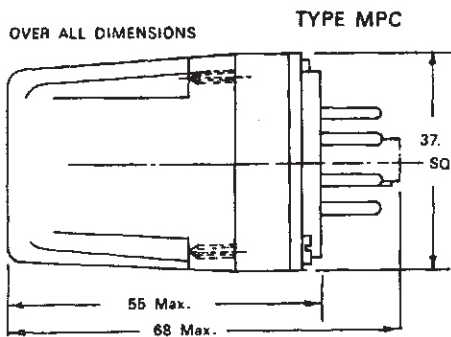
specify coil volts

6, 12, 18, 24, 48, 110, 240

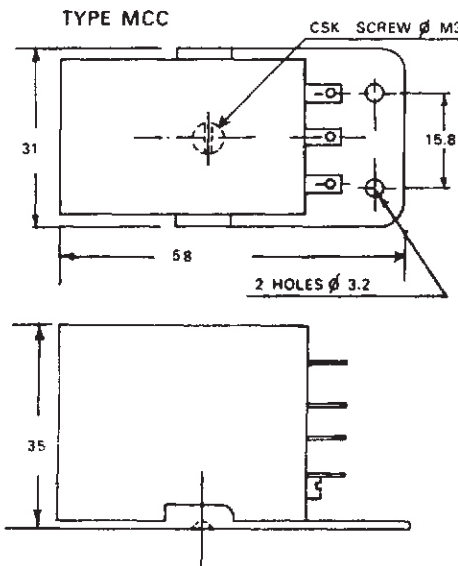
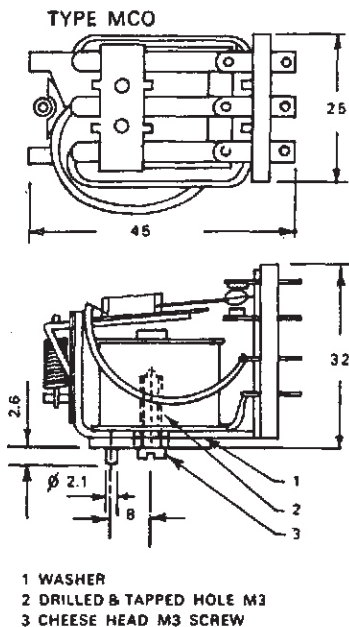
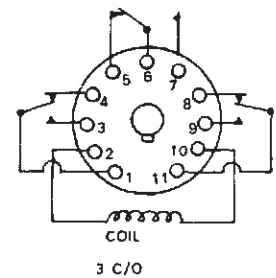
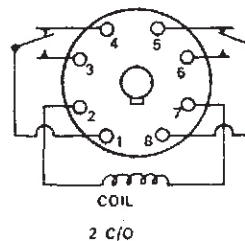
ENCLOSURE

O = open

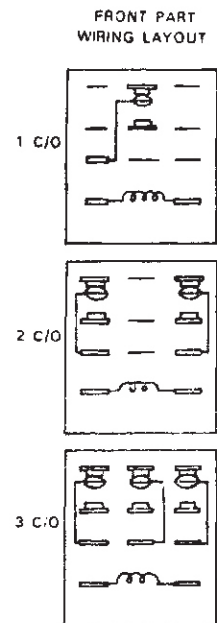
C = cover



BASE WIRING CONFIGURATION



ALL DIMENSIONS ARE IN MM. DRG NOT TO SCALE



APPLICATIONS :

- Machine Tools • Control Panels
- Instrumentation • Telecommunication
- Textile Machineries
- Industrial & Consumer Electronics
- Electrical Equipments & Appliances
- Automation & Remote Control Systems
- Bio-medical Instruments & Appliances

TECHNICAL SPECIFICATION :

Contact Rating At 24 VDC/250 VAC	Typical Life Expectancy
5 Amps Resistive	10 ⁵ operations

Contact Material	Alloy Silver
Initial Contact Resistance	0.050 ohms (max.)
Temp. Severity	T 40 / 70
Di-electric Strength	2 KV between contacts or coil to ground
Insulation Resistance	100 Meg. Ohms min at 500 VDC At 25°C & 65% RH
Operate Time	0.020 sec max at nominal Voltage
Release Time	0.010 sec max. at nominal Voltage
Max. Weight	80 gms.

COIL-DATA

(All Values at 27°C±2°C Ambient, cold start)

Nominal Voltage	Resistance in ohm's ± 10%	Must Operative Voltage
	D.C. Relays	
6	30	5
12	150	9.5
18	390	14.5
24	500	18
48	2250	40
110	10000	90

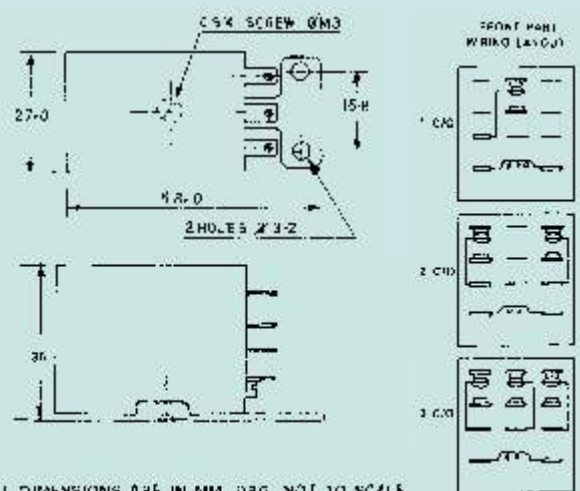


SALIENT FEATURES :

- High Reliability
- Low Cost
- Assured Deliveries

APPLICATIONS :

- Machine Tools
- Control Panels
- Instrumentation
- Stabilizers
- Textile Machineries
- Industrial & Consumer Electronics
- Electrical Equipment & Appliances
- Automation & Remote Control Systems
- Bio-medical Instruments & Appliances



ALL DIMENSIONS ARE IN MM ARE NOT TO SCALE



Manufactured by :

PLA COMPONENTS

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web: www.plarelays.com

CAT No.: - FCC/05-11

TECHNICAL SPECIFICATION :

Contact Rating	6 Amps at 24 VDC / 250 VAC
Contact Material	Silver Alloy
Initial Contact Resistance	0.050 ohms (max.)
Ambient Temperature	-25°C to + 55°C
Di-electric Strength	Between open contacts = 1500 VAC Coil to Contacts & Ground = 2000 VAC
Insulation Resistance	100 Meg. ohms min at 500 VDC 27°C & 65% RH
Operate Time	0.020 sec. max at nominal voltage
Release Time	0.010 sec. max at nominal voltage
Max. Weight	75gms (approx.)



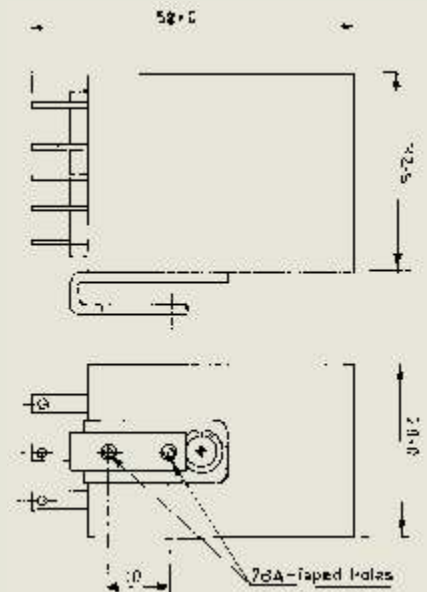
SALIENT FEATURES :

- High Reliability
- Low Cost
- Assured Deliveries
- Long Pins
- Solder / Socket Mounted

APPLICATIONS :

- Machine Tools
- Control Panels
- Instrumentation
- Stabilizers
- Textile Machineries
- Industrial & Consumer Electronics
- Electrical Equipments & Appliances
- Automation & Remote Control Systems
- Bio-Medical Instruments & Appliances

COIL-DATA (All Values at 27°C±2° Ambient)			
Nominal Voltage	Resistance in ohm's ± 10%		Must Operate Voltage
	D.C. Relay	A.C. Relay	
6	30	7	5
12	200	30	10
18	390	-	15
24	500	110	20
48	2250	440	40
110	10,000	2400	90
240	-	9500	180



Manufactured by :

PLA COMPONENTS

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - OLC/05-11

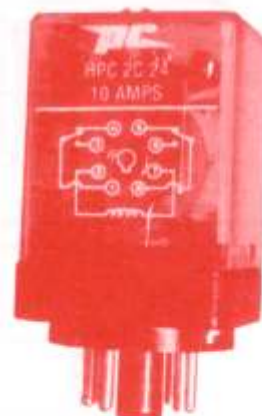
TECHNICAL SPECIFICATION :

Contact Rating At 24 VDC/250VAC	Typical Life Expectancy
10Amps Resistive	2×10^5 operations
12 Amps Resistive	1.5×10^5 operations
Contact Material	Silver Alloy
Initial Contact Resistance	0.050 Ohms (max.)
Ambient Temp.	-40°C to + 70°C
Di-electric Strength	2KV between contacts or coil to ground
Insulation Resistance	100 Meg. Ohms min at 500 VDC at 27°C & 65 % R.H.
Operate Time	0.025 sec at nominal Voltage
Release Time	0.015 sec at nominal Voltage
Max. Weight	HCC 80 gms. HPC 90 gms.

TYPE HCC
ENCLOSED VERSION
SOLDER CONNECTION



TYPE HPC
ENCLOSED VERSION
PLUG-IN-CONNECTION



SALIENT FEATURES

- 10 Amps/12Amps
- Versatile Relays satisfying low to medium Power Sources
- High Reliability
- Elegant, Sturdy and Light Weight

APPLICATIONS:-

- Voltage Stabilizer
- Uninterrupted Power Supply
- Process Control System
- Control Panels
- Inverters
- Industrial Controls

COIL-DATA

(All Values at 27°C±2°C Ambient)

Nominal Voltage	Resistance in Ohms ± 10%		Must Operate Voltage
	DC relays	AC relays	
6	30	4	5
12	120	16	10
18	270	-	15
24	480	70	20
48	1900	-	40
110	10k	2k	90
240	-	10k	190

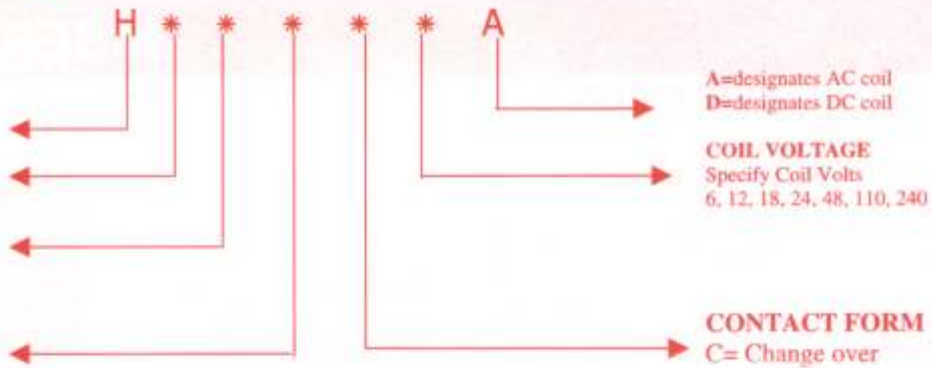
ORDERING CODE

SERIES H
10 Amp. Relays

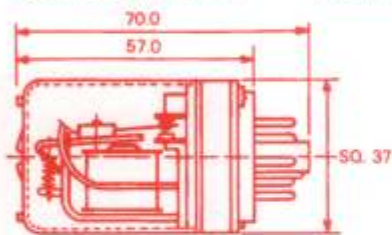
MOUNTING
C= Chassis mounting
P=Plug in mountin

ENCLOSURE
C=Enclosed version

NO OF CONTACTS
1=1 Contact
2=2 Contacts
3=3 Contacts

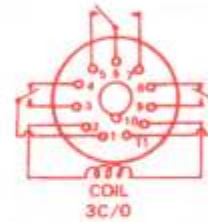
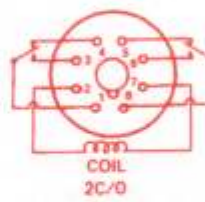
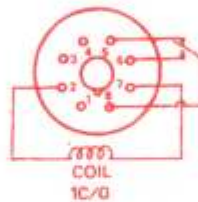


OVER ALL DIMENSIONS

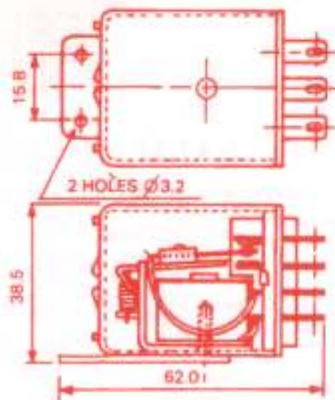


TYPE HPC

BASE WIRING CONFIGURATION

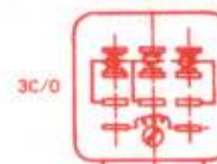
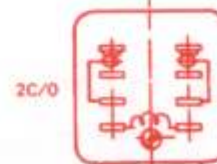
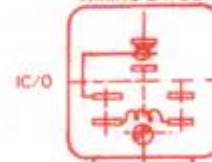


TYPE HCC



NOTE: ALL DIMENSIONS ARE IN MM

FRONT PART
WIRING LAYOUT



Manufactured by :

PLA COMPONENTS

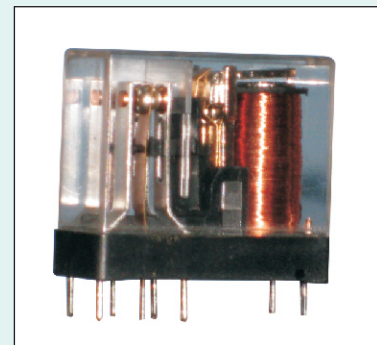
Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - 'H' Series/07-11

- **SALIENT FEATURES :**
- **SUB MINIATURE**
- **PCB MOUNTABLE**
- **HIGH CAPACITY**
- **LOW PROFILE**
- **SUITABLE FOR RELAY MODULE**

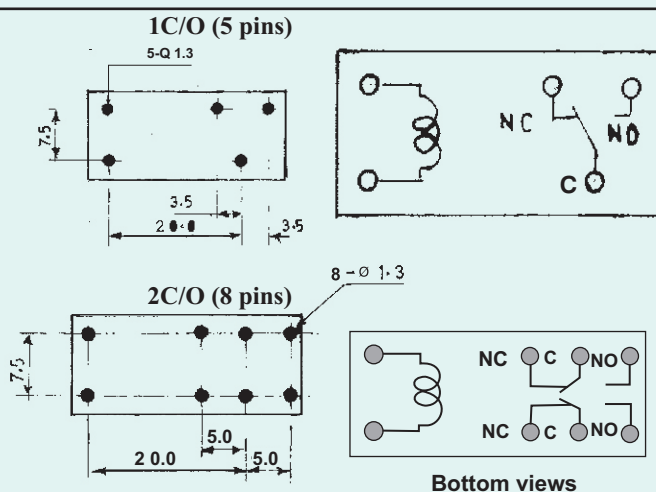


30X13X27 mm

Specifications		PMC 1C	PMC 2C		
No. Of Poles		1	2		
Contact Configuration		SPDT	DPDT		
Contact Rating		10A at 250 VAC / 10A at 30VDC *16A at 250 VAC / 16A at 30 VDC	5A at 250 VAC / 5A at 30VDC		
Contact Material		Silver Alloy			
Contact Resistance		0.050 Ohms (max)			
Operate Time		0.015 Sec. Max. at nominal Voltage			
Release Time		0.005 Sec. Max. at nominal voltage			
Dielectric Strength	Between contact and Coil Between Pole to pole Between Contacts	5000 VAC 3000 VAC 1000 VAC			
Mechanical Life		10 ⁷ Operations at rated load			
Electrical Life		10 ⁵ Operations at rated load			
Ambient Temperature		-20° C to +70° C			
Insulation Resistance		1000 Meg. Ohms min. at 500 VDC			
Max. Weight		20 grams.			
Coil - Data (All Values at 27c° ± 2c° Ambient)		<div><div>1C/O (5 pins)</div><div></div><div>2C/O (8 pins)</div><div></div><div></div></div>			
Nominal Voltage	Resistance in ohms ± 10%			Must Operate Voltage	Must Release Voltage
	D.C.				
6	67			4.5	0.6
12	275			09	1.2
24	1100			18	2.4
48	4267			36	4.8

* Mounting Layout for 16 AMP 1 C/O & 2 C/O relay is same

Note :- For Non-Standard Coil Voltage or Resistance Pl. Contact us



Manufactured by :
PLA COMPONENTS

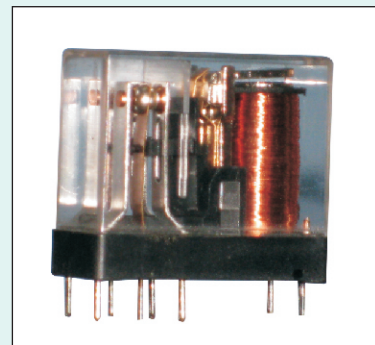
Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

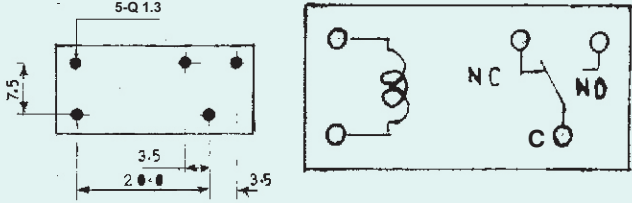
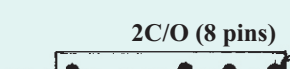
Web. www.plarelays.com

CAT No.: - PMC/07-11

- **SALIENT FEATURES :**
- **SUB MINIATURE**
- **PCB MOUNTABLE**
- **HIGH CAPACITY**
- **LOW PROFILE**
- **SUITABLE FOR RELAY MODULE**

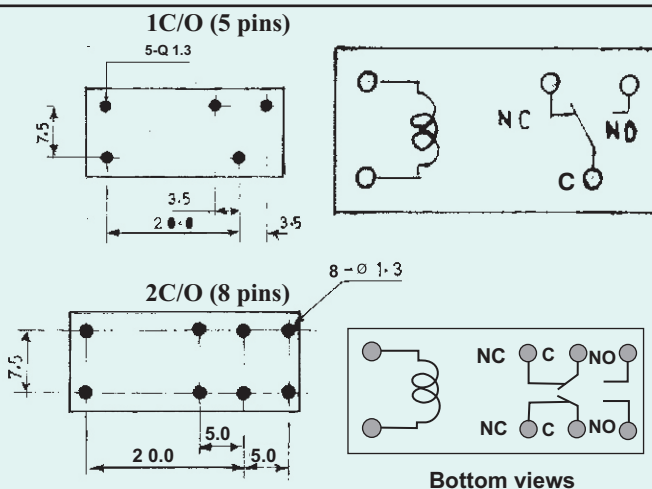


30X13X27 mm

Specifications		PMC 1C	PMC 2C		
No. Of Poles		1	2		
Contact Configuration		SPDT	DPDT		
Contact Rating		10A at 250 VAC / 10A at 30VDC *16A at 250 VAC / 16A at 30 VDC	5A at 250 VAC / 5A at 30VDC		
Contact Material		Silver Alloy			
Contact Resistance		0.050 Ohms (max)			
Operate Time		0.015 Sec. Max. at nominal Voltage			
Release Time		0.005 Sec. Max. at nominal voltage			
Dielectric Strength	Between contact and Coil Between Pole to pole Between Contacts	5000 VAC 3000 VAC 1000 VAC			
Mechanical Life		10 ⁷ Operations at rated load			
Electrical Life		10 ⁵ Operations at rated load			
Ambient Temperature		-20° C to +70° C			
Insulation Resistance		1000 Meg. Ohms min. at 500 VDC			
Max. Weight		20 grams.			
Coil - Data (All Values at 27c° ± 2c° Ambient)		<div><div>1C/O (5 pins)</div><div></div><div>2C/O (8 pins)</div><div></div></div>			
Nominal Voltage	Resistance in ohms ± 10%			Must Operate Voltage	Must Release Voltage
	D.C.				
6	67			4.5	0.6
12	275			09	1.2
24	1100			18	2.4
48	4267			36	4.8

* Mounting Layout for 16 AMP 1 C/O & 2 C/O relay is same

Note :- For Non-Standard Coil Voltage or Resistance Pl. Contact us



Manufactured by :
PLA COMPONENTS

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - PMC/07-11

TECHNICAL SPECIFICATION :

Contact Material	Silver Alloy
Contacts	SPDT (1 C/O), SPST (1N/O)
Contact Rating @ 230 VAC/24VDC	1N/O : 30 A 1C/O : 30A/20A
Initial Contact Resistance	0.050 Ohms (max.)
Insulation Resistance	1000 M Ω at 500 VDC 25°C, RH 50
Di-electric Strength	2.5 KV between contacts & Coil 1.5 KV between contacts
Operate Time	10m. sec (Type)
Release Time	8m. sec (Type)
Ambient Temperature	-40°C to +85°C
Life expectancy	10 ⁵ operations at rated load
Weight	35gms (approx.)



**PLC
20 / 30 A (1C)**

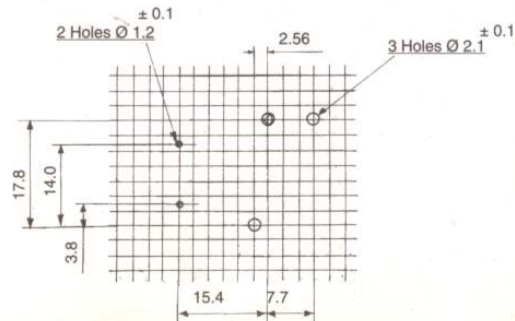
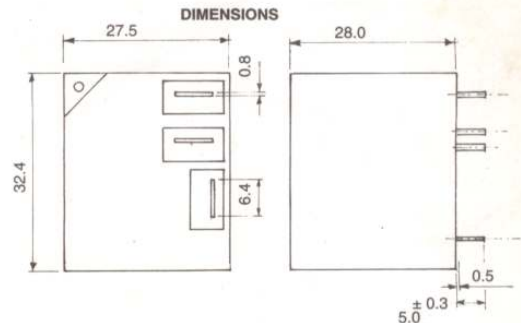
SALIENT FEATURES

- MINIATURE
- PCB MOUNTABLE
- HIGH RELIABILITY

APPLICATIONS:-

- Air conditioning Equipments
- Heater
- Domestic appliances
- Automobile
- Battery charger
- Inverter
- Controllers

COIL-DATA (All Values at 27°C±2°C Ambient)			
Nominal Voltage	Resistance in Ohms±10%	Must Operate Voltage	Must Release Voltage
12VDC	160	9	1.2
24VDC	640	18	2.4



Note : For Non-standard coil voltage or resistance,

Please contact factory :



Manufactured by :

PLA COMPONENTS

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - PLC/0104

TECHNICAL SPECIFICATION :

Contact Material	Silver Alloy
Contacts	SPDT (1 C/O), SPST (1N/O)
Contact Rating @ 230 VAC/24VDC	1N/O : 30 A 1C/O : 30A/20A
Initial Contact Resistance	0.050 Ohms (max.)
Insulation Resistance	1000 M Ω at 500 VDC 25°C, RH 50
Di-electric Strength	2.5 KV between contacts & Coil 1.5 KV between contacts
Operate Time	10m. sec (Type)
Release Time	8m. sec (Type)
Ambient Temperature	-40°C to +85°C
Life expectancy	10 ⁵ operations at rated load
Weight	35gms (approx.)



**PLC
20 / 30 A (1C)**

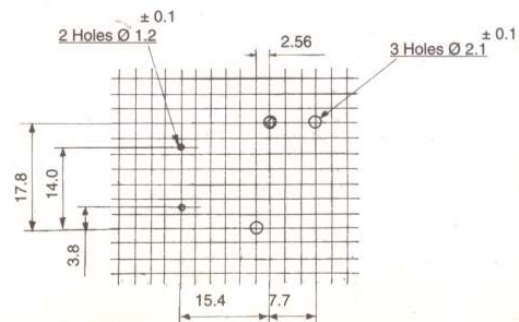
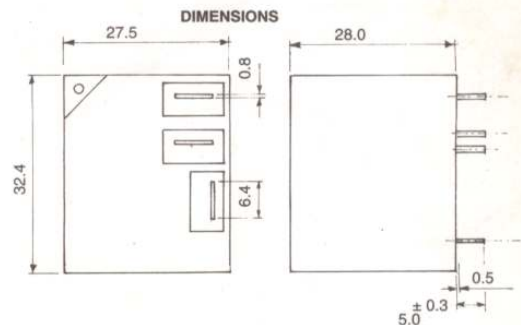
SALIENT FEATURES

- MINIATURE
- PCB MOUNTABLE
- HIGH RELIABILITY

APPLICATIONS:-

- Air conditioning Equipments
- Heater
- Domestic appliances
- Automobile
- Battery charger
- Inverter
- Controllers

COIL-DATA			
(All Values at 27°C±2°C Ambient)			
Nominal Voltage	Resistance in Ohms±10%	Must Operate Voltage	Must Release Voltage
12VDC	160	9	1.2
24VDC	640	18	2.4



Note : For Non-standard coil voltage or resistance,

Please contact factory :



Manufactured by :

PLA COMPONENTS

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - PLC/0104

TECHNICAL SPECIFICATION :

Contact Rating	16 Amps Resistive At 24 VDC / 250 VAC
Typical Life Expectancy	10 ⁵ operations
Contact Material	Silver Alloy
Initial Contact Resistance	0.050 Ohms (max.)
Ambient Temperature	-40°C to + 70°C
Di-electric Strength	2 KV between contacts or coil to ground
Insulation Resistance	100 Meg. ohms min at 500 VDC at 27°C & 65% RH
Operate Time	0.025 sec. at nominal Voltage
Release Time	0.015 sec. at nominal Voltage
Max. Weight	80 gms



SALIENT FEATURES :

- 16 Amps
- Versatile Relays satisfying low to medium Power Sources
- High Reliability
- Elegant, Sturdy and Light Weight

APPLICATIONS :

- Voltage Stabilizer
- Uninterrupted Power supply
- Process Control System
- Control Panels
- Inverters
- Industrial Controls

COIL-DATA

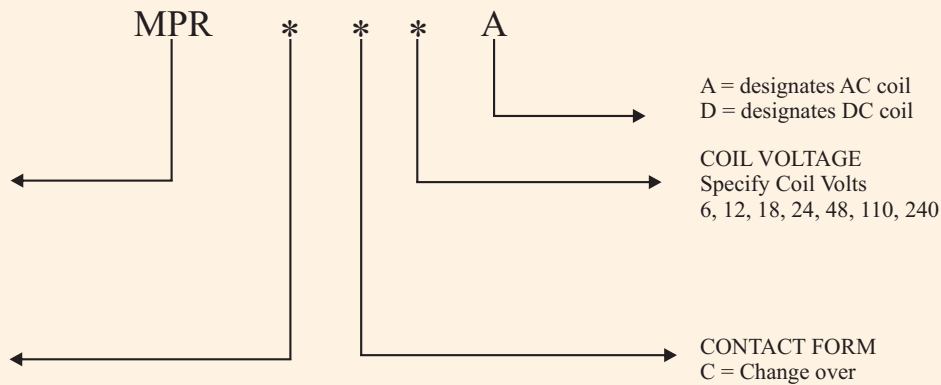
(All Values at 27°C±2° Ambient)

Nominal Voltage	Resistance in ohm's ± 10%		Must Operate Voltage
	D.C. Relays	A.C. Relays	
6	30	4	5
12	120	16	10
18	270	-	15
24	480	70	20
48	1900	-	40
110	10k	2k	90
240	-	10k	190

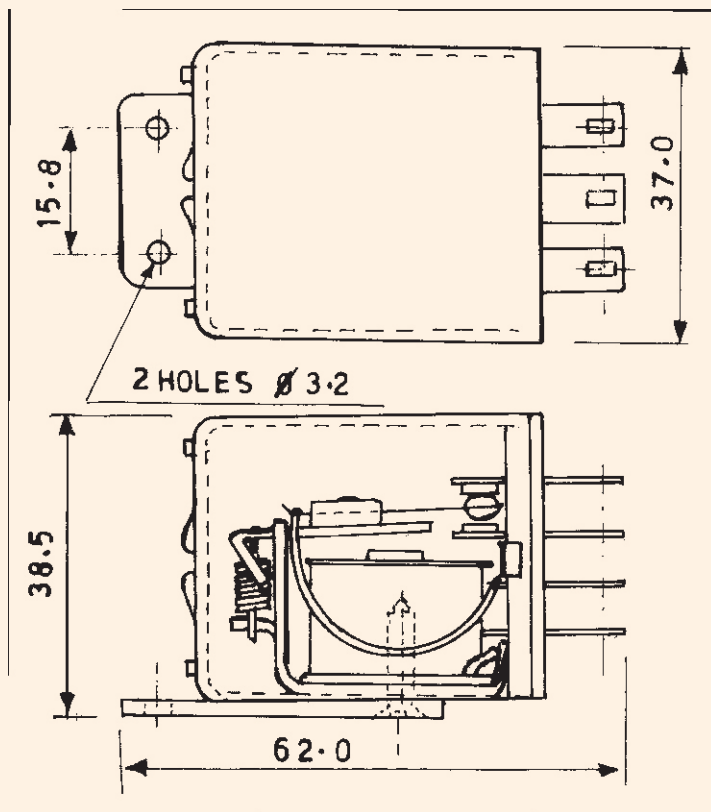
ORDERING CODE

MPR SERIES
16A Relays
Chassis Mounting

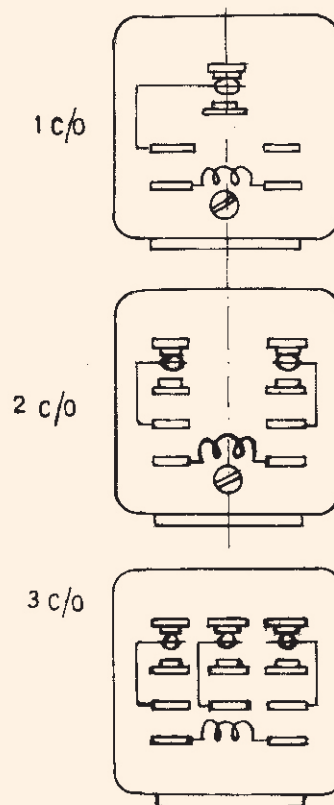
NO OF CONTACTS
1 = 1 Contact
2 = 2 Contact
3 = 3 Contact



TYPE MPR



FRONT PART
WIRING LAYOUT



PC Manufactured by : **PLA COMPONENTS**

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - MPR/06-11

- **COMPACT DESIGN**
- **HIGH POWER CAPABILITY**
- **COST EFFECTIVE**
- **ASSURED DELIVERIES**

pla

SERIES P



POWER RELAYS 20 AMPS RESISTIVE AT 24V DC/250V AC

SPECIFICATIONS

Contact Material	Silver Alloy
Initial Contact Resistance	100M ohms (Max.)
Ambient Temp.	-40°C to +70°C
Die-electric Strength	2KV between contacts or coil to ground
Insulation Resistance	100 Meg ohms Min. at 500 VDC at 27°C & 65% R.H.
Operate Time	0.030 sec. Max. at nominal voltage
Release Time	0.010 sec. Max. at nominal voltage
Life Expectancy	10 ⁵ operations at rated load
Max. Weight	200 gms.

COIL-DATA

(All Values at 27°C±2°C ambient)

Nominal Voltage	Resistance in Ohms ±10%		
	DC Relays		AC Relays
	1 C/O 2 C/O	3 C/O	1 C/O 2 C/O 3 C/O
12	60	50	32
18	135	-	-
24	250	200	148
48	1000	800	60
110	4800	4000	298
240	25000	16000	1600
Must Operate Vol. 80% of Nominal Coil Vol. Must Release Vol. 10% of Nominal Coil Vol.			



Manufactured by :

PLA COMPONENTS

Thakor Estate, Vidyavihar (W), Mumbai 86.

Tel: 25106104/05 Fax: 022-25093811 Email: sales@plarelays.com

Web. www.plarelays.com

CAT No.: - PCO Series/07-11

ORDERING CODE

NO. OF CONTACTS

1, 2 or 3

CONTACT FORM

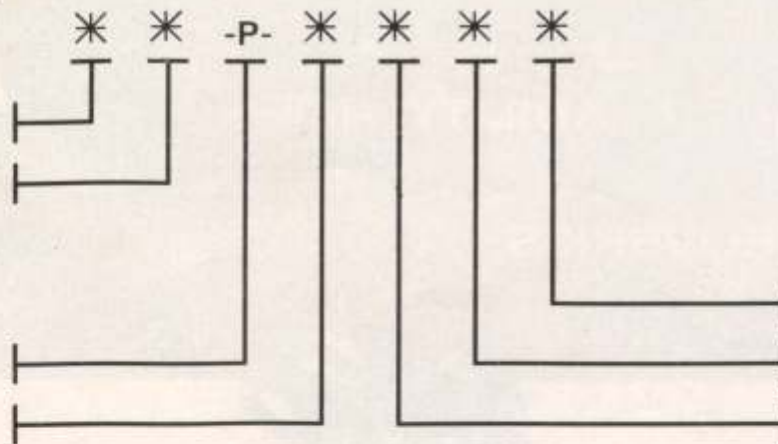
C/O = change over
N/O = normally open
N/C = normally close

SERIES P

POWER RELAYS

MOUNTING

C = chassis mounting



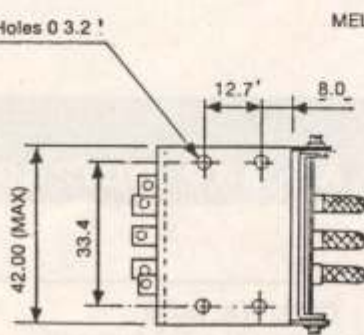
A = AC RELAY
D = DC RELAY

COIL VOLTAGE
12, 24, 48, 110, 240

ENCLOSURE
O = open

DIMENSIONS

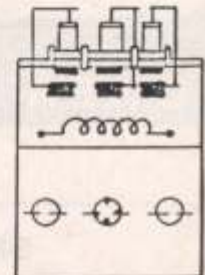
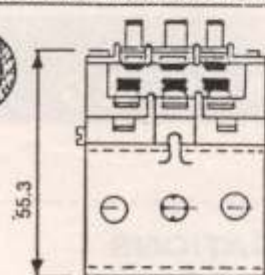
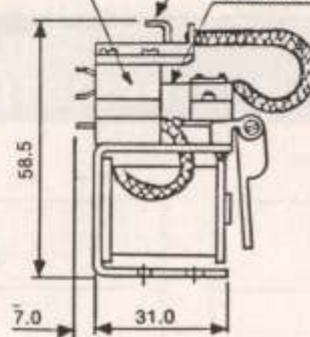
4 Holes Ø 3.2



MELAMIN BLACK

TERMINALS TINNED COPPER

CONTACT SPRING PHOSPHOR BRONZE



FRONT PART
WIRING LAY OUT

NOTE : ALL METAL PARTS ARE ZINC PLATED AND PASSIVATED.

ALL DIMENSIONS ARE IN MM.

APPLICATION NOTES :

1. Basic construction being open, user is advised to provide dust proof covering as settling of dust/metal particles in the gap between core and armature or in between the contacts would affect the relay performance. In worst case, coil burning cases have also been reported.
2. Though rated for 20 amps. breaking capacity for general applications, these relays are not recommended for use in voltage stabilizers beyond 2.5 KVA ratings as it has been seen that at the time of tap-changing through contact transfer, contact gap is momentarily shorted, through heavy spark which results into full short circuit current passing through the contact and buck/boost winding. This short circuit current depends upon buck/boost winding impedance and in best stabilizer, this impedance is too low to cause short circuit current of the order of 500 to 700 amperes to flow resulting into contact welding in few thousand operations. Therefore it is recommended to use these power relays in higher KVA stabilizers only after assessing their performance for contact welding in actual sets.

APPLICATIONS AREAS :

- Control Panel
- Defence Appliances
- Machine Tools
- Power Instrumentation
- Inverters
- Welding Machines

TECHNICAL SPECIFICATION :

Contact Material	Silver Alloy
Contacts	1 Form C (1 C/O) 2 Form C (2C/O)
Contact Rating@ 230 VAC/24VDC	22 A
Initial Contact Resistance	0.050 ohms (max.)
Insulation Resistance	100 Meg. ohms at 500 VDC 25°C, RH 50
Di-electric Strength	2 KV Between Coil to Contacts & Coil to ground
Operate Time	25 milli sec. (max.)
Release Time	15 milli sec. (max.)
Max. Weight	80gms (approx.)



SALIENT FEATURES :

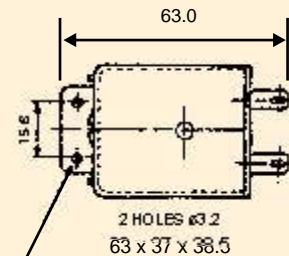
- 22 Amps
- High Reliability
- Elegant, Sturdy and Light weight

APPLICATIONS :

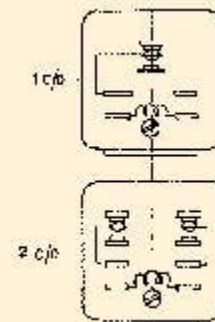
- Voltage Stabilizer
- Uninterrupted Power Supply
- Process Control System
- Control Panels
- Inverters
- Industrial Controls
- Textil Machine

COIL - DATA (All Values at 27°C±2°C Ambient)		
Nominal Voltage	Resistance in ohm's ± 10%	Must Operative Voltage
12 DC	120	10
24 DC	480	20
240 VAC	9.5K	190

DIMENSIONS



CIRCUIT DIAGRAM



Note : For Non-standard coil voltage or resistance,
Please contact :



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Web: www.plarelays.com

CAT No.: - HP 22/05-11

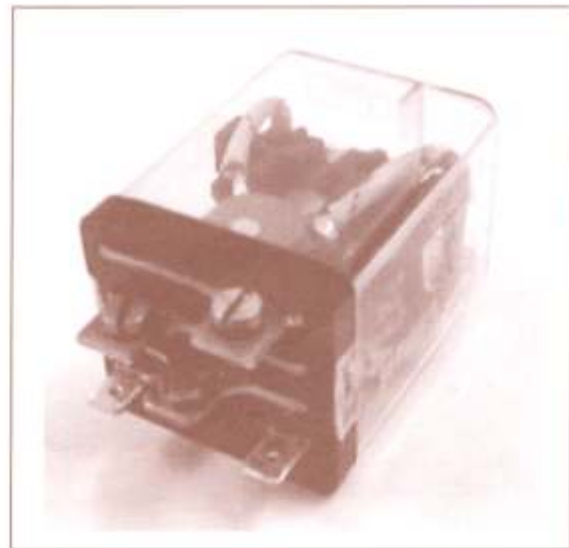
TECHNICAL SPECIFICATION :

Contact Material	Silver Alloy
Contacts	HP 40: 1C/O * HP 60: 1C/O
Contact Rating	HP40:40A @ 250Vac/24Vdc resistive HP60:60A @ 250Vac/24Vdc resistive
Ambient Temperature	-10°C to 55°C
Di-electric Strength	2.0 KV between contacts to contacts, body to coil & coil to contact
Insulation Resistant	100 Meg-Ohms min at 500VDC at 65% RH
Operate Time	< 20ms
Release Time	< 10ms
Electrical Life Expectancy	50000 operations (typical) at full load
Mechanical Life	10 ⁶ operations
Max. Weight	135gm.
Mounting	Metalic Base plate

COIL DATA

Nominal Voltage	Resistance ±10% (Ω)	Nominal Voltage	Resistance ±10% (Ω)
12VDC	74	110VDC	5500
18VDC	150	240 VAC	4700
24VDC	300		
48VDC	1200		

Note:-1N/O or 1N/C versions also available on request.



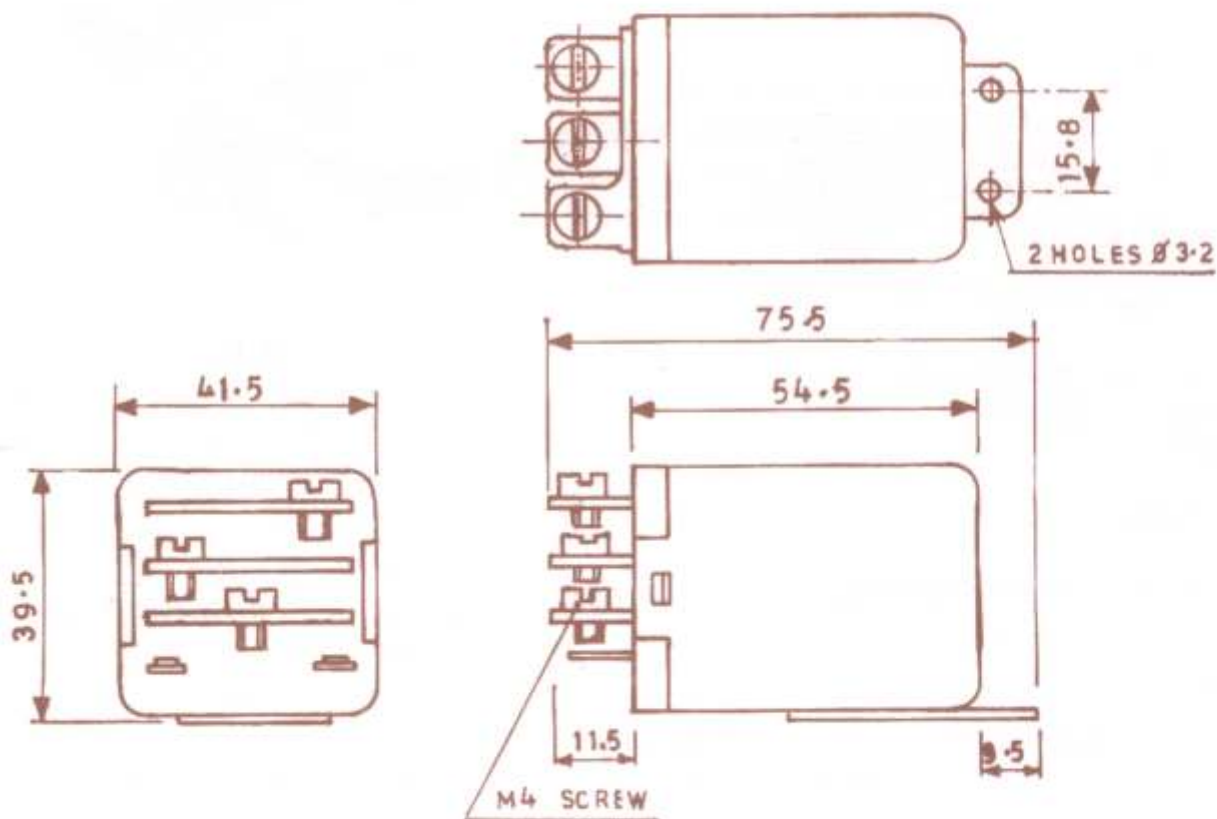
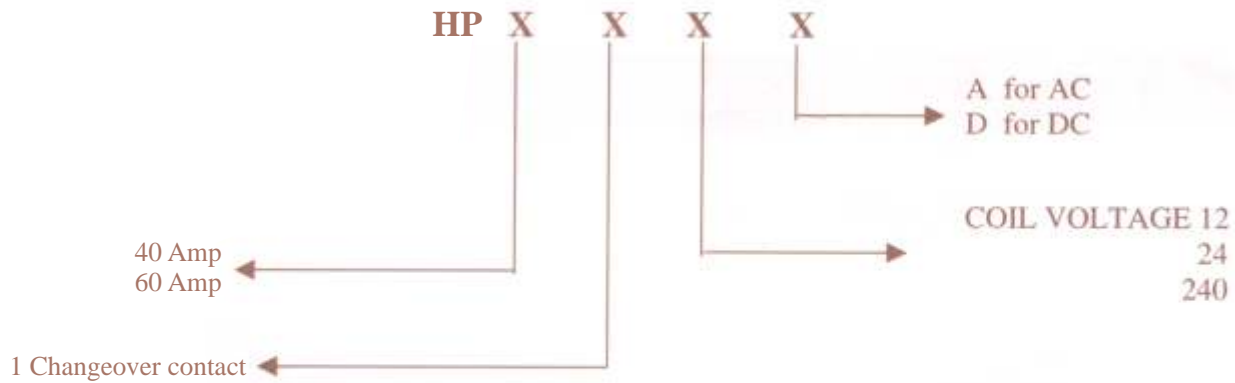
SALIENT FEATURES

- 40 Amp &60 AMP RATING
- COMPACT SIZE
- SCREW TERMINALS
- ELEGANT • RELIABLE
- TRANSPARENT COVER
- Also Available HP 25(25Amps), HP 30(30Amps), HP80 (80 Amps), PCC(30Amps) Etc.

APPLICATIONS

- Voltage Stabilizer
- Furnace controls
- Process Controls
- Inverter
- Motor Starter
- Vending machines
- Domestic Appliances
- Airconditioners

ORDERING INFORMATION



- Tips for using 1: -Electrical contact life is affected by various parameters such as switching voltage, switching current, type of load inductive/ capacitive frequency of switching, duty cycle etc.
- 2: -Application design should take care of rise in Pickup Voltage at full load condition.

PC Manufactured by : **PLA COMPONENTS**

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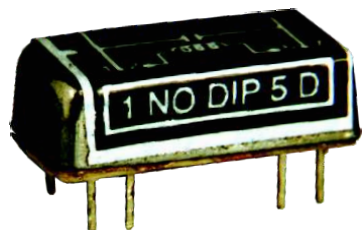
CAT No.: - HP 40 Series/07-11

- **LCSO APPROVED**
- **EXCELLENT ISOLATION**
- **EPOXY ENCAPSULATION**
- **DIL SOCKET / PCB MOUNTING**



SERIES DIP

CONTACTS
IN/O OR IC/O



CONTACTS
2N/O OR 2C/O



- **DUAL-IN-LINE PACKAGE REED RELAYS** 10W/VA, 0.5A, 100V.

SPECIFICATIONS		
	N/O	C/O
Max. Switched Power	10W/VA	3W/VA
Max. Switched Current	0.5 A	0.25 A
Max. Switched Voltage	100 V	28 V
Reed Insulation Resistance	$10^{10} \Omega$ at 100 VDC	$10^9 \Omega$ at 100 VDC
Initial Contact Resistance	150 m Ω	200 m Ω
Typical Capacitance	0.2 P f Across Contact. 3.5 P f Contact to Coil	2.5 P f Across Contact. 3.5 P f Contact to Coil
Reed Break-Down Voltage	250 VDC	200 VDC

SPECIFICATIONS		
	N/O	C/O
Vibration	20 G 10-2000 HZ	20G 10-1000 HZ
Release Time Including Bounce	< 0.5 ms	< 1 ms
Operate Time Including Bounce	< 1 ms	
Di-Electric Strength	500V Between Contact to Contact & Contact to Coil	
Temperature Range	-40°C to +85°C	
Shock	50 G, 11 MS	
Life Expectancy	10 ⁷ Operations at Optimum load conditions. PL. Consult Factory	



Manufactured by :

PLA COMPONENTS

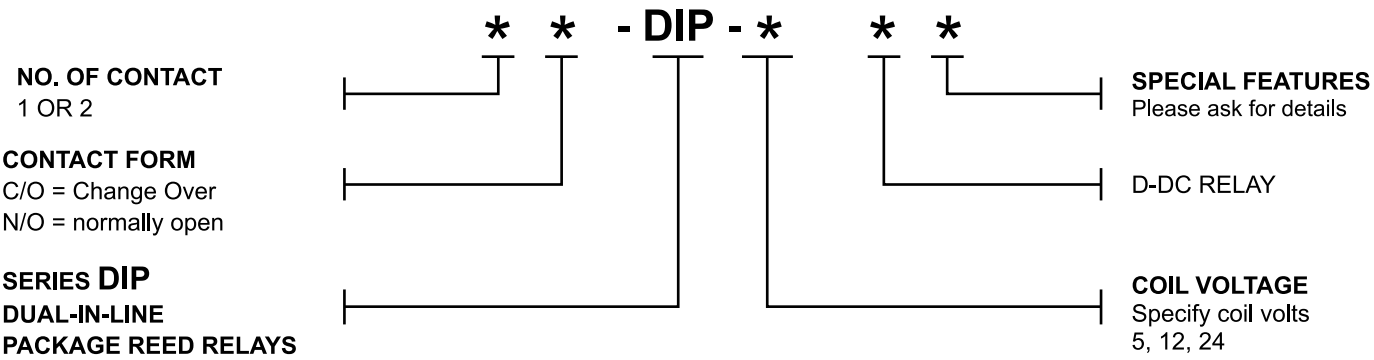
Thakor Estate, Vidyavihar (W), Mumbai 86.

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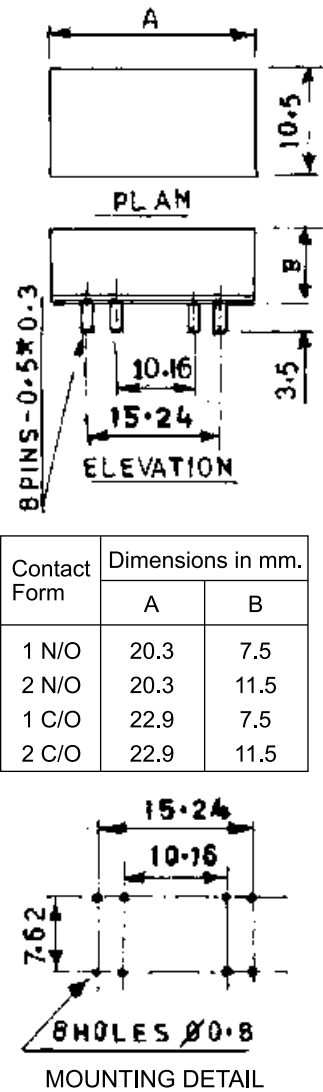
Web. www.plarelays.com

CAT No.: - DIP / 08-11

ORDERING CODE



COIL - DATA			
(All Values at 27°C ± 2°C ambient)			
Contact Form	Nominal Voltage	Resistance in Ohms ± 10%	Schematics (Top View)
1 N/O	5	200	
	12	500	
	24	2100	
	48 ★	5000	
2 N/O	5	100	
	12	275	
	24	1100	
	48	5000	
1 C/O	5	200	
	12	500	
	24	2100	
	48 ★★	5000	
2 C/O	5	100	
	12	275	
	24	1100	
	48	5000	
Must Operate Voltage : 75% of Nominal coil voltage Must Release Voltage 10% of Nominal coil voltage NOTE : Terminal Numbers are not marked on relay ★ Overall size as that of 2N/O contact reed relay ★★ Overall size as that of 2C/O contact reed relay			



APPLICATION NOTES :
These reed relays are not recommended for low level switching applications where load is in the range of micro amperes or a few milliamperes, with open circuit voltage less than 10 milli volts. Special reed relays for such Low level switching applications can be available on specific demand.

- APPLICATION AREAS :
- Programming

• Computers

• Communications

• Telemetry

• Circuit Isolation

• RF Switching

• Scanners

• Encoders & Decoders

• Memmory

• Logic