

TECHNICAL SPECIFICATIONS

PARAMETERS		TYPE		
TERMINAL TYPE		Plug In		
CONTACT CONFIGURATION		2C	3C	4C
RATED CARRYING CURRENT (RESISTIVE) AT 30 VDC/250 VAC		6A & 12A	6A & 12A	6A
RATED CARRYING CURRENT (RESISTIVE) AT 220 VDC (RELAY WITH ARC SUPPRESSOR)		6A*	—	—
MAX. PEAK INRUSH CURRENT (20ms)		30A & 60A	30A & 60A	30A
CONTACT MATERIAL		Silver alloy		
INDUCTIVE LOAD		1/2 HP at 277 VAC (12A Relay) 1 HP at 277 VAC (6A Relay)		
INITIAL CONTACT RESISTANCE		0.050 Ω		
COIL NOMINAL VOLTAGES	AC Coil	12-240 VAC @50Hz/ 60Hz*		
	DC Coil	12-250 VDC		
PICKUP VOLTAGE		80% maximum		
RELEASE VOLTAGE		10% minimum		
OPERATING POWER (MIN - MAX)	DC Coil	0.89W - 1.15 W		
	AC Coil	1.10VA - 1.25VA		
MAXIMUM SWITCHING VOLTAGE		24 VDC / 250 VAC		
MAX SWITCHING CAPACITY (POWER RATING)		2500VA (12A)	1500VA (6A)	1500VA (6A)
DIELECTRIC STRENGTH	BETWEEN OPEN CONTACT	1000 VRMS (Same Polarity)		
	BETWEEN COIL & CONTACT	2000 VRMS		
INSULATION RESISTANCE AT 500 VDC AT 27°C & 50% RH		100 M Ω		
OPERATE TIME (MAX)		20 ms		
RELEASE TIME (MAX)		10 ms		
RELEASE TIME WITH DIODE (Max)		20 ms		
AMBIENT TEMPERATURE		-40°C To +70°C		
IMPULSE WITHSTAND VOLTAGE		5kv 1.2/50 μ S. (AS PER IEC 60255-5)		
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵		
MECHANICAL LIFE (NO OF OPERATIONS)		2 x 10 ⁶		
SHOCK RESISTANCE		Destruction : 1000m/s Operative Extremes 150m/s ²		
VIBRATION RESISTANCE		Destruction : 10-55Hz amplitude : 0.5mm Malfunction : 10-55Hz amplitude : 0.5mm		
PROTECTION DEGREE		IP 40 / RT 1		
ALL DIMENSIONS ARE IN MM (W X L X H) APPROX.		21.5 x 28 x 35.5(+7)		
MAX WEIGHT IN GRAMS (APPROX.)		37 gms		
INBUILT FEATURE		LED		
OPTIONAL FEATURES		Diode, Manual Test Button, Mechanical Switching Position Indicator		
STANDARDS		IEC 61810-1 ,CE		



PMY with Flag



PMY Without Flag

(Photo For Representation Purpose Only)



SALIENT FEATURES

- Miniature Industrial Relay
- Long Life & High Reliability
- Dust Protected
- With Led Indicator
- Sockets available

NOTE :-1) This product is type tested by TUV Nord as per IEC 61810-1:2015-A1:2019

2) Recommended socket :- **PMYS DR 8/11/14 & PMYS PCB 8/14**

3) Mechanical Switching Position Indicator Available With Extra Charges

4) All Specification/Dimensions subject to Tolerance

5) Gold plated contacts available with extra charges

6) *Special Relay With 60Hz Compatibility Available At Extra Charge.

7) *2C 6A Relay With Arc suppressor (HPMY) Available At Extra Charges

8) Any Techno commercial changes is / are prerogative of Manufacturer / Management of the company which can be done without any notice



+91 9152626104



+91 7045459530



sales@plarelays.com



www.plarelays.com

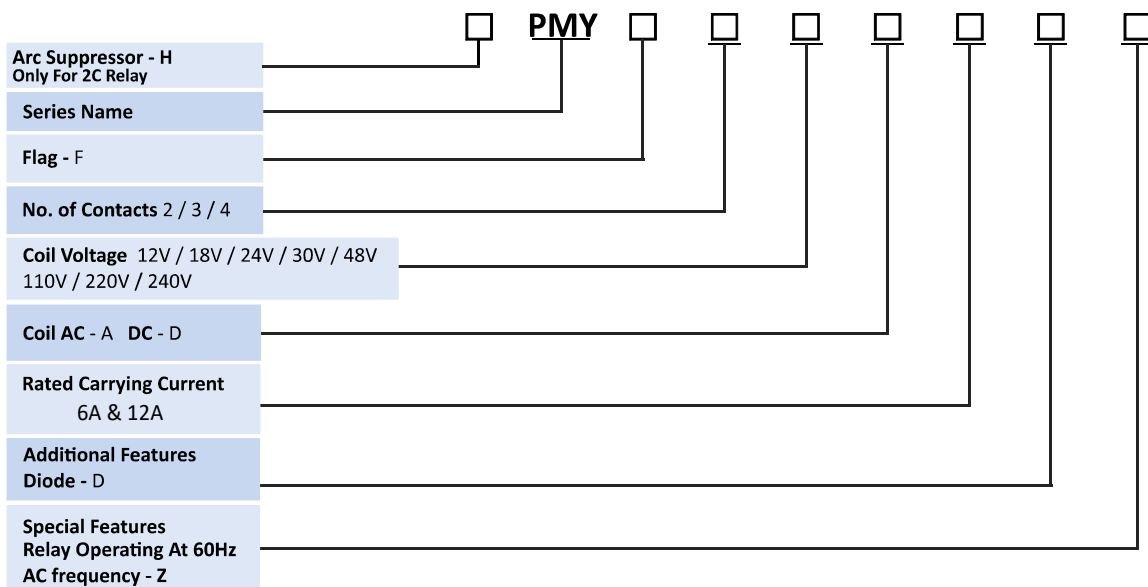
APPLICATIONS

- Industrial Controls
- Office Automation
- PLC's
- Timers

COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10%		MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL	
	DC RELAY	AC RELAY			DC (W)	AC (VA)
12	160	46Ω	9.6	1.2	0.90	-
18	350	-	14.4	1.8	0.93	-
24	650	180	19.2	2.4	0.89	1.28
30	1.0k	-	24	3.0	0.90	-
48	2.6k	735	38.4	4.8	0.89	1.25
110	11k	4.4k	88	11.0	1.10	1.10
220	54k	-	176	22.0	0.89	-
240	-	19k	192	24.0	-	1.21

ORDERING CODE FOR RELAY



+91 9152626104



+91 7045459530



sales@plarelays.com



www.plarelays.com

DIMENSIONS

