

TECHNICAL SPECIFICATIONS

TYPE		MPCN
TERMINAL TYPE		Plug In
CONTACT CONFIGURATION		1C / 2C
RATED CARRYING CURRENT (RESISTIVE) AT 30 VDC / 250 VAC		12A & 7A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω
COIL NOMINAL VOLTAGES	DC	12-24 V
	AC	240 V
OPERATING POWER FOR DC COIL		0.52 W
OPERATING POWER FOR AC COIL		0.96 VA
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	1000 VAC
	COIL TO CONTACT	5000 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		2000 M Ω
OPERATE TIME (MAX)		12 ms
RELEASE TIME (MAX)		7 ms
AMBIENT TEMPERATURE		-40°C To +70°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵
MECHANICAL LIFE (NO OF OPERATIONS)		10 ⁷
ALL DIMENSIONS ARE IN mm (W x L x H)		12.7 x 31.0 x 32.5 (+6.5)
MAX WEIGHT IN GRAMS		20 gms (approx)
STANDARDS		IEC 61810-1



SALIENT FEATURES

- Sub Miniature
- PCB Mountable
- Flag Indication
- Suitable for Relay Module

APPLICATIONS

- Machine Tools
- Control Panels
- Automation

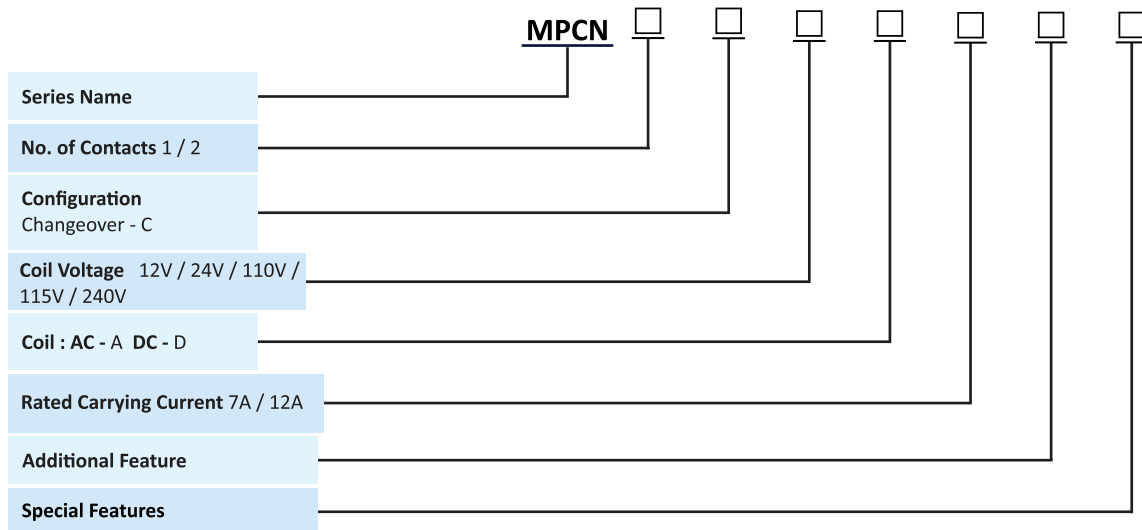
NOTE :-

- 1) Recommended Socket :- MPCNS-8
- 2) All Specification / Dimensions subject to Tolerance.
- 3) Any Techno commercial changes is / are prerogative of Manufacturer / Management of the company which can be done without any notice.

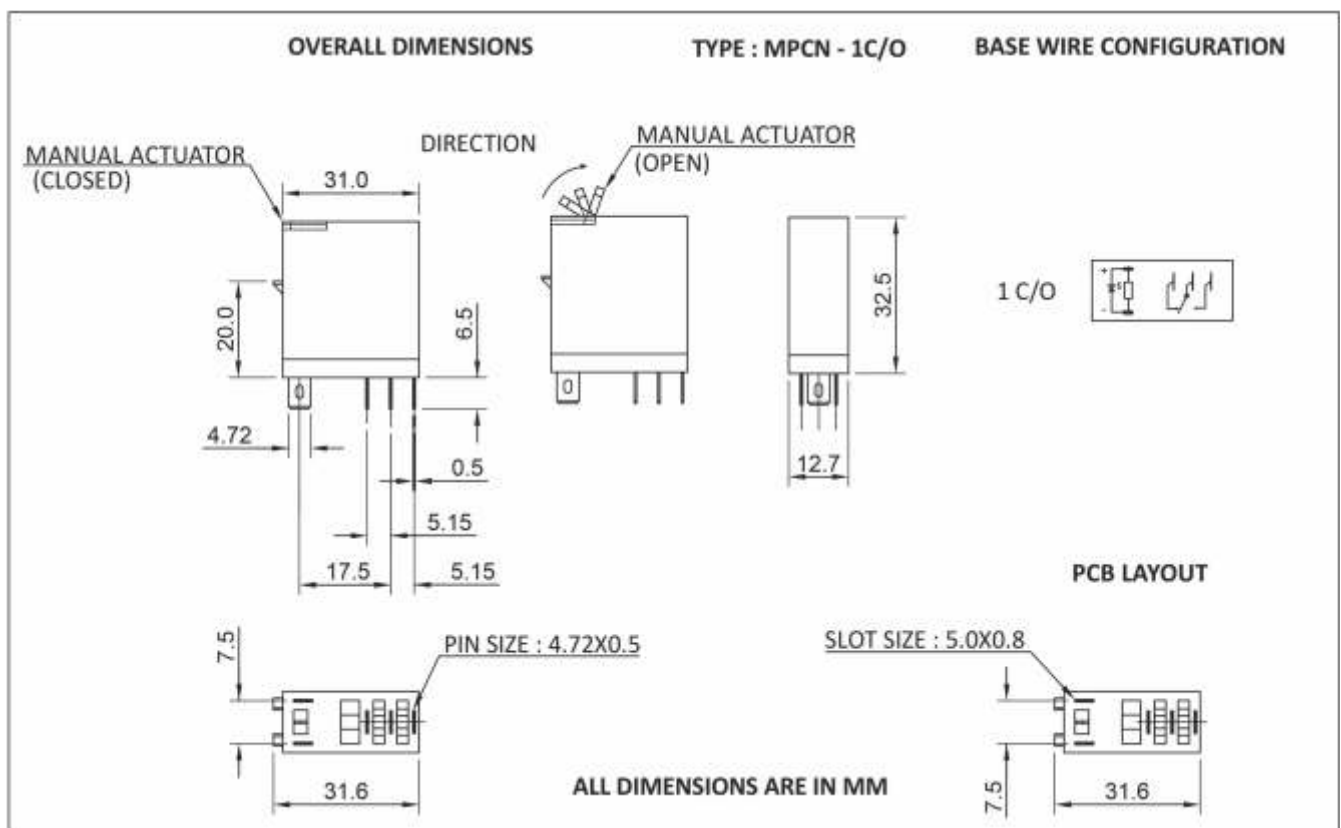
COIL – DATA (ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10%		MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL	
	DC	AC			DC	AC
12	270	-	9.6	1.2	0.52	-
24	1.1k	240	19.2	2.4	0.52	0.96
110	22.8k	-	88	11	0.53	-
115	-	6.3k	92	11.5	-	0.83
240	-	23k	192	24	-	1

ORDERING CODE FOR RELAY



DIMENSIONS



OVERALL DIMENSIONS

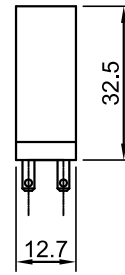
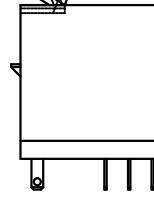
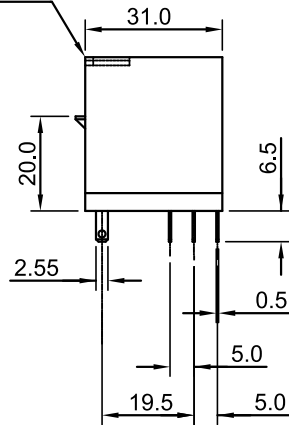
TYPE : MPCN - 2C/O

BASE WIRE CONFIGURATION

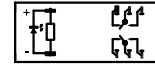
MANUAL ACTUATOR
(CLOSED)

DIRECTION

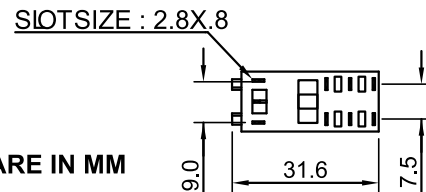
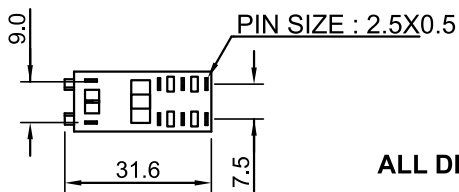
MANUAL ACTUATOR
(OPEN)



2 C/O



PCB LAYOUT



ALL DIMENSIONS ARE IN MM

NOTE :- 1) In case no tolerance shown in outline dimensions : Outline dimension 1mm, tolerance should be $\pm 0.2\text{mm}$
Outline dimension 1mm and 5mm, tolerance should be $\pm 0.3\text{mm}$ Outline dimension 5mm tolerance should be $\pm 0.4\text{mm}$
2) The tolerance without indicating for PCB layout is always $\pm 0.2\text{mm}$

