

PLC SERIES RELAYS

PCB Mount T type Relays



TECHNICAL SPECIFICATIONS

TYPE		PLC
TERMINAL TYPE		PCB / Lugs
CONTACT CONFIGURATION		1N/O & 1C
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		40A N/O : 40A N/C : 30A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω
COIL NOMINAL VOLTAGES	DC	12 - 24 V
	AC	-
OPERATING POWER FOR DC COIL		0.87 - 0.9 W
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	1500 VAC
	COIL TO CONTACT	2500 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		1000 MΩ
OPERATE TIME (MAX)		10 ms
RELEASE TIME (MAX)		8 ms
AMBIENT TEMPERATURE		-40°C To + 85°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵
MECHANICAL LIFE (NO OF OPERATIONS)		10 ⁶
ALL DIMENSIONS ARE IN mm (W x L x H)		32.4 x 27.5 x 28(+5.0)
MAX WEIGHT IN GRAMS		35 gms (approx)



SALIENT FEATURES

- Miniature
- PCB Mountable
- High Reliability

APPLICATIONS

- Air Condition Equipments
- Heaters
- Automobiles
- Battery Chargers
- Inverters
- Controllers

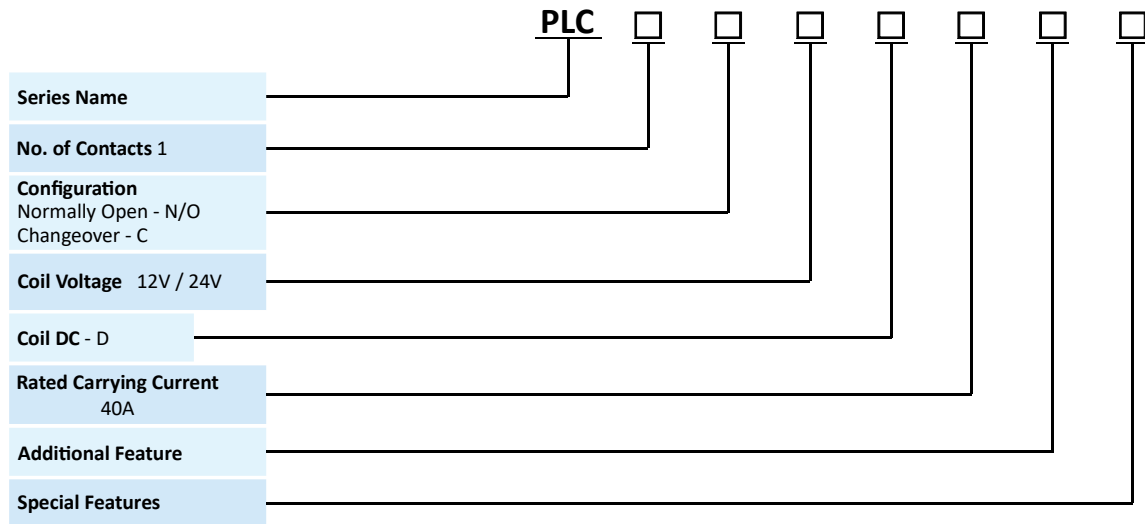
NOTE:-

- 1) All Specification / Dimensions subject to Tolerance.
- 2) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.

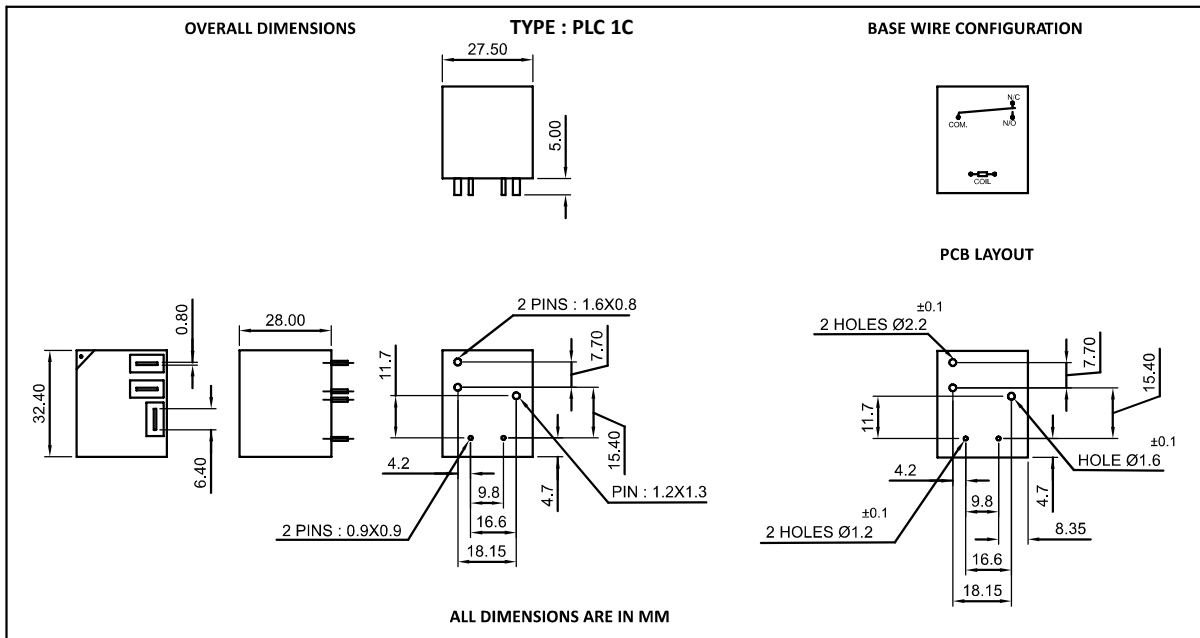
COIL – DATA (ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10% Ω	MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL DC COIL (W)
12 V	160	9	1.2	0.9
24 V	660	18	2.4	0.9

ORDERING CODE FOR RELAY



DIMENSIONS



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