

TECHNICAL SPECIFICATIONS

TYPE		PAC
TERMINAL TYPE		Solder / Lugs
CONTACT CONFIGURATION		1 N/O
RATED CARRYING CURRENT (RESISTIVE) AT 14 VDC		80A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω
COIL NOMINAL VOLTAGES	DC	12 - 24 V
	AC	-
OPERATING POWER MIN-MAX)FOR DC COIL		1.8W
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	500 VAC
	COIL TO CONTACT	750 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		100 MΩ
OPERATE TIME (MAX)		9 ms
RELEASE TIME (MAX)		5 ms
WITH DIODE RELEASE TIME (MAX)		15 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 x 29 x 42.7(+15)
MAX WEIGHT IN GRAMS		48 gms (approx)
STANDARDS		Meeting as Per IEC 61810-1



SALIENT FEATURES

- Miniature
- Contact Load Capacity up to 80A
- High Reliability

APPLICATIONS

- Suitable for Automobile
- AMF Diesel Gen Set Control Panels
- Battery Chargers
- Security Systems
- Motors Starters
- A/C Controls

NOTE:-

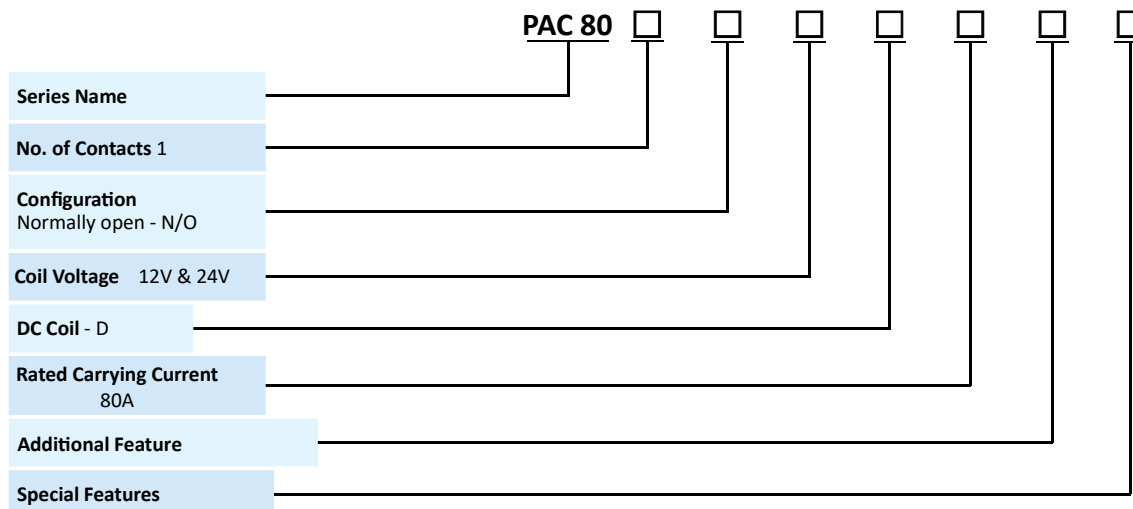
- 1) All Specification / Dimensions subject to Tolerance.
- 2) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.



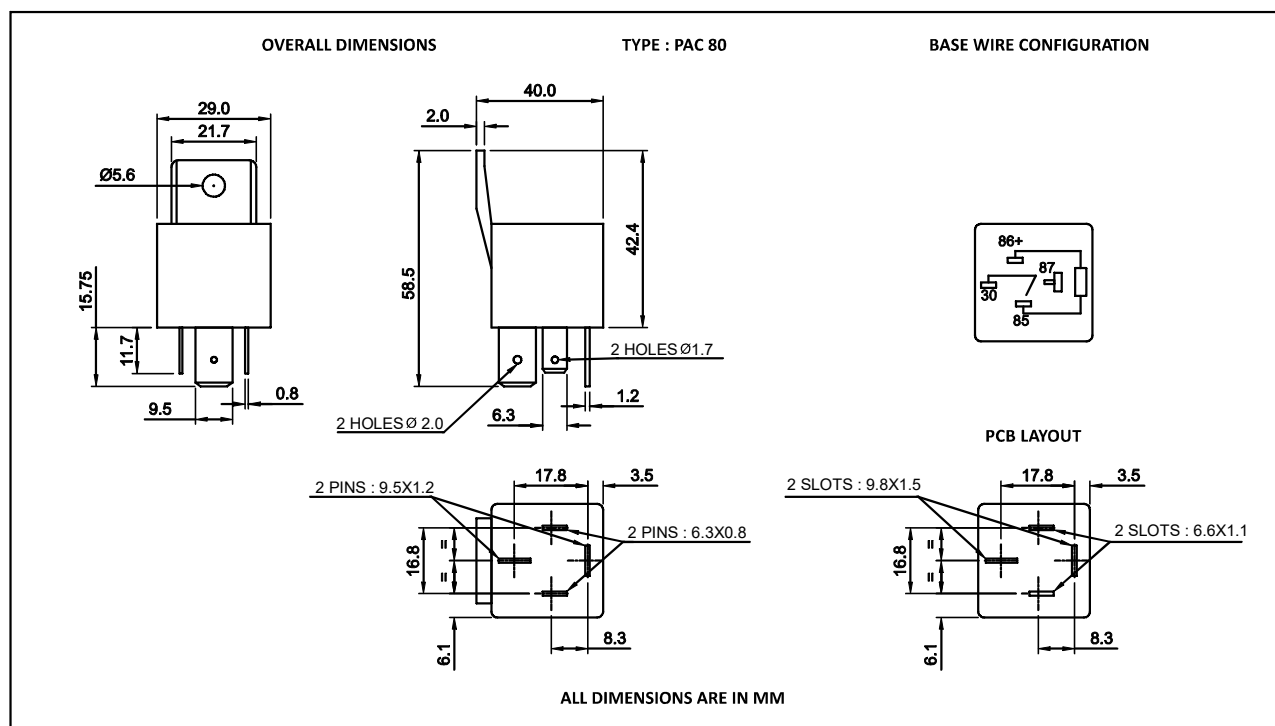
COIL – DATA (ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

NOMINAL VOLTAGE (V) (DC)	RESISTANCE IN OHM'S ± 10% Ω	MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL DC COIL (W)
12 V	80	9	1.2	1.8
24 V	360	18	2.4	1.8

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



+91 22 25106104/05



+91 7045459530



sales@plarelays.com



www.plarelays.com