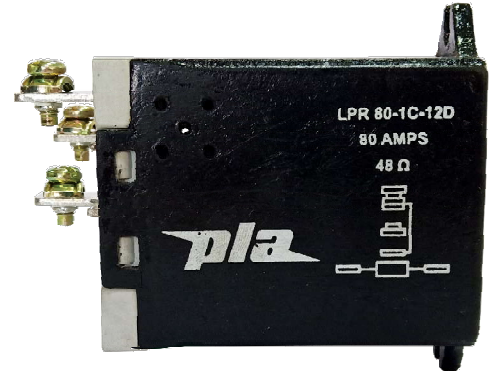


## TECHNICAL SPECIFICATIONS

TYPE		LPR 80
TERMINAL TYPE		Screw Terminals
CONTACT CONFIGURATION		1 C, 1 N/O, 1 N/C
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		80A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω
COIL NOMINAL VOLTAGES	DC	12-24 V
	AC	240 V@50Hz
OPERATING POWER (MIN-MAX) FOR DC COIL		3.0 W
OPERATING POWER (MIN-MAX) FOR AC COIL		4.90 VA
DIELECTRIC STRENGTH	BETWEEN OPEN CONTACT	2000 V <sub>RMS</sub>
	COIL TO CONTACT	2000 V <sub>RMS</sub>
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		1000 MΩ
OPERATE TIME (MAX)		20 ms
RELEASE TIME (MAX)		10 ms
AMBIENT TEMPERATURE		-25°C To +55°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10000
MECHANICAL LIFE (NO OF OPERATIONS)		10 <sup>6</sup>
ALL DIMENSIONS ARE IN MM (W X L X H) APPROX.		48.0 X 82.5 X 70.5
MAX WEIGHT IN GRAMS (APPROX.)		225 gms
MOUNTING		Molded base plate
STANDARDS		IEC 61810-1



(Photo For Representation Purpose Only)



## SALIENT FEATURES

- Compact Size
- Screw Terminals
- Elegant
- Reliable

## APPLICATIONS

- Voltage Stabilizers
- Furnace Controls

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

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.



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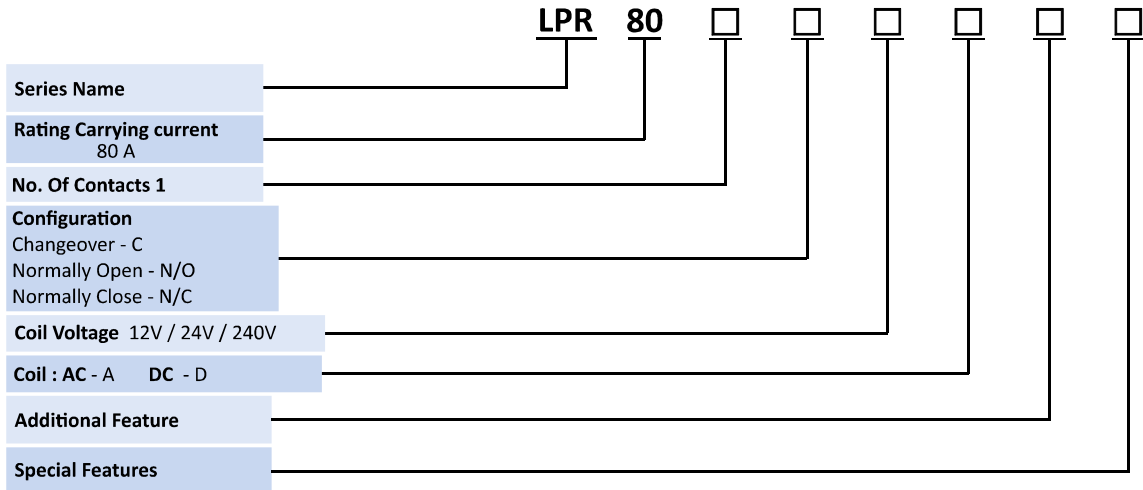


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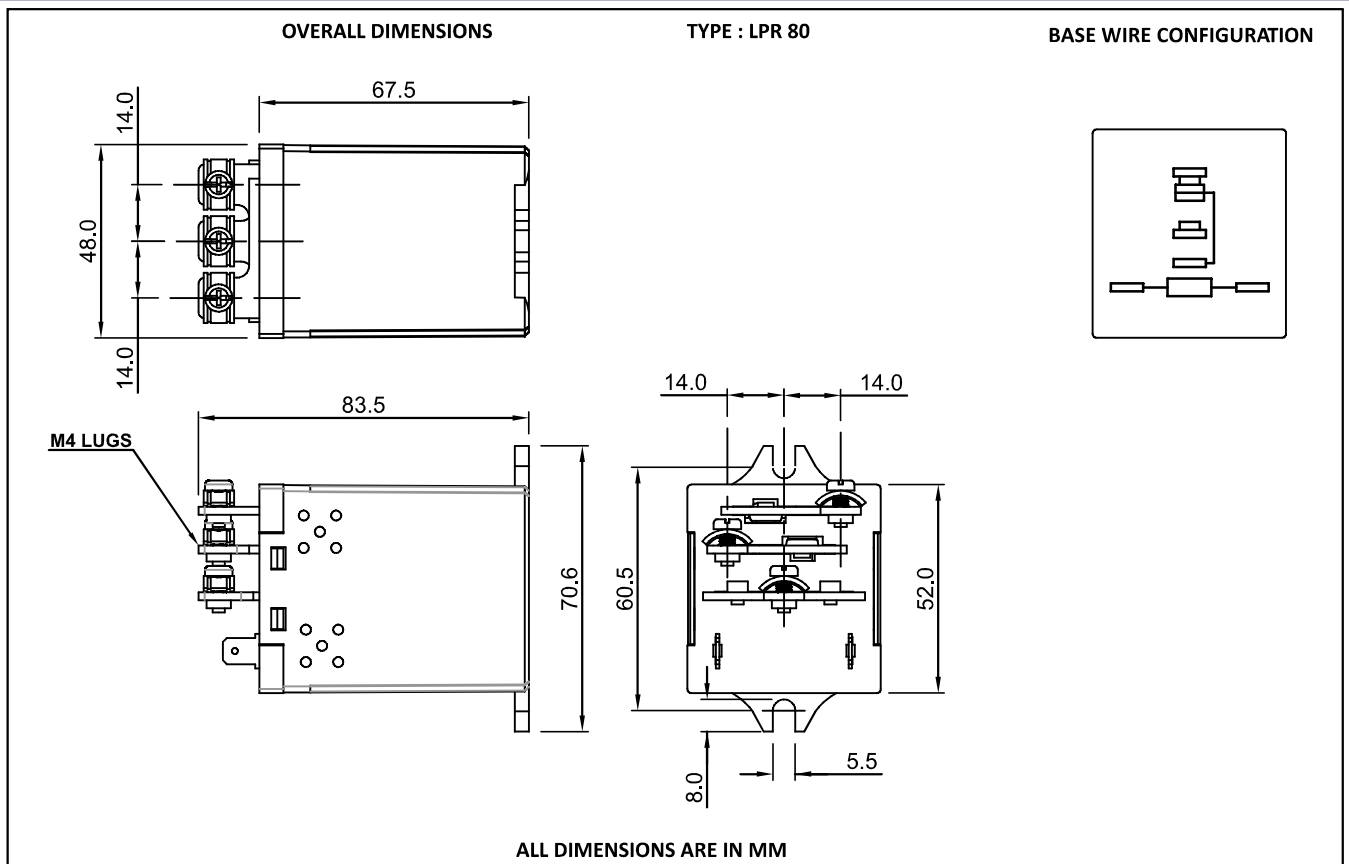
## COIL – DATA ( ALL VALUES AT 27°C ± 2° AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE ± 10% (Ω)		MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR COIL	
	DC	AC			DC (W)	AC (VA)
12	48	-	9.6	1.2	3.0	-
24	192	-	19.24	2.4	3.0	-
240	-	4.7K	192	24	-	4.90

### 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

