

TECHNICAL SPECIFICATIONS

TYPE		LPR 100
TERMINAL TYPE		Screw Terminals
CONTACT CONFIGURATION		1 C, 1 N/O, 1 N/C
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		100 A
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 W
OPERATING POWER (MIN-MAX) FOR AC COIL		4.90 VA
DIELECTRIC STRENGTH	BETWEEN OPEN CONTACT	2000 VAC
	COIL TO CONTACT	2000 VAC
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		1000 M Ω
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 ⁶
ALL DIMENSIONS ARE IN mm (W x L x H)		62.8 X 70.6 X 97.8
MAX WEIGHT		265 gms
MOUNTING		Molded base plate
STANDARDS		Meeting as Per IEC 61810-1



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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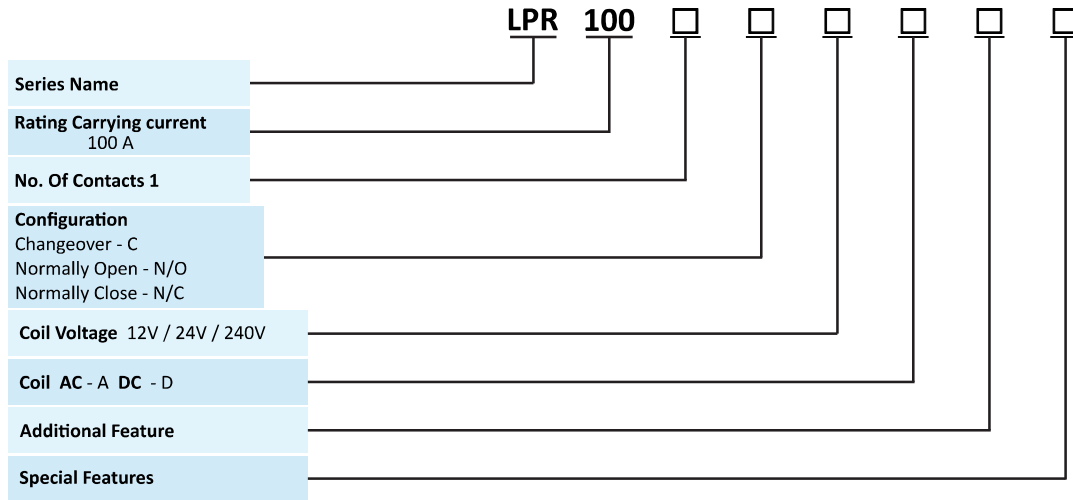


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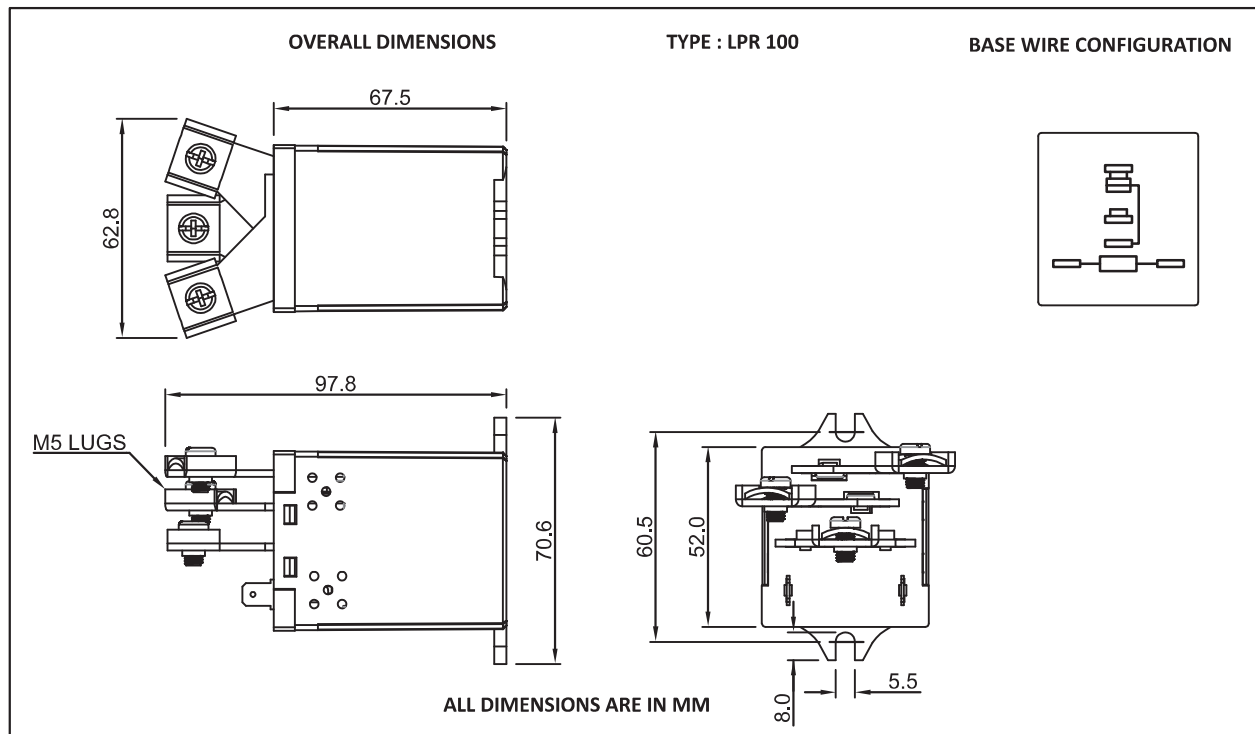
COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

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	-	19.2	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