

TECHNICAL SPECIFICATIONS

TYPE		HPCC
TERMINAL TYPE		Plug In / Lugs / Solder
CONTACT CONFIGURATION		2C & 2 N/O
RATED CARRING CURRENT (RESISTIVE) AT 220 VDC / 250 VAC		20A
CONTACT MATERIAL		Silver alloy
INITIAL CONTACT RESISTANCE (MAX)		0.050 m Ω
COIL NOMINAL VOLTAGES	DC	12-220 V
	AC	240 V @50Hz
OPERATING POWER (MIN-MAX) FOR DC COIL		1.86 - 2.22 W
OPERATING POWER (MIN-MAX) FOR AC COIL		4.90 VA
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	2000 V _{RMS}
	COIL TO CONTACT	2000 V _{RMS}
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		100 MΩ
OPERATE TIME (MAX)		15 ms
RELEASE TIME (MAX)		6 ms
AMBIENT TEMPERATURE		-25°C To +55°C
ELECTRICAL LIFE (NO OF OPERATIONS)		10 ⁵
MECHANICAL LIFE (NO OF OPERATIONS)		10 ⁶
IMPULSE WITHSTAND VOLTAGE (AS PER IEC 60255-5)		5kV (1.2/50μs)
ARC SUPPRESSOR		Provided
ALL DIMENSIONS ARE IN MM (W X L X H) APPROX.		50.5 x 70(+ 9.8) x 45.6
MAX WEIGHT IN GRAMS (APPROX.)		126 gms
STANDARDS		IEC 61810-1



(Photo For Representation Purpose Only)

SALIENT FEATURES

- Compact Size
- Black Cover
- Socket/Solder/Crimping Terminal
- ARC Suppressor
- High Voltage DC Panels

APPLICATIONS

- Scada-Power Circuit
- Battery Charger
- Process Controls
- Switching High Voltage DC Current
- High Voltage DC Motor
- High Voltage DC Panels

NOTE:-

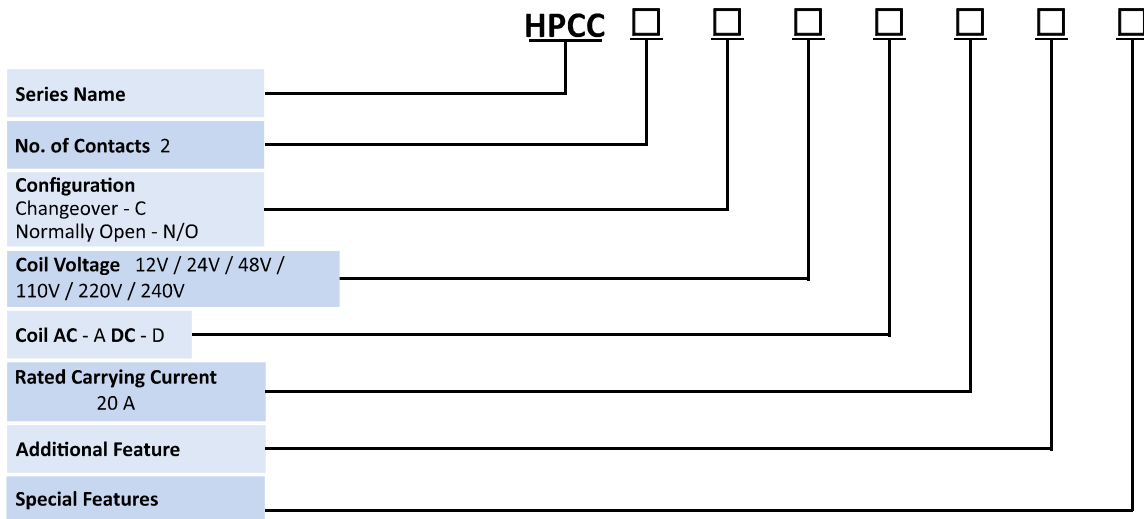
- 1) Recommended Socket :- PRS S1
- 2) All Specification / Dimensions subject to Tolerance.
- 3) Any techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.



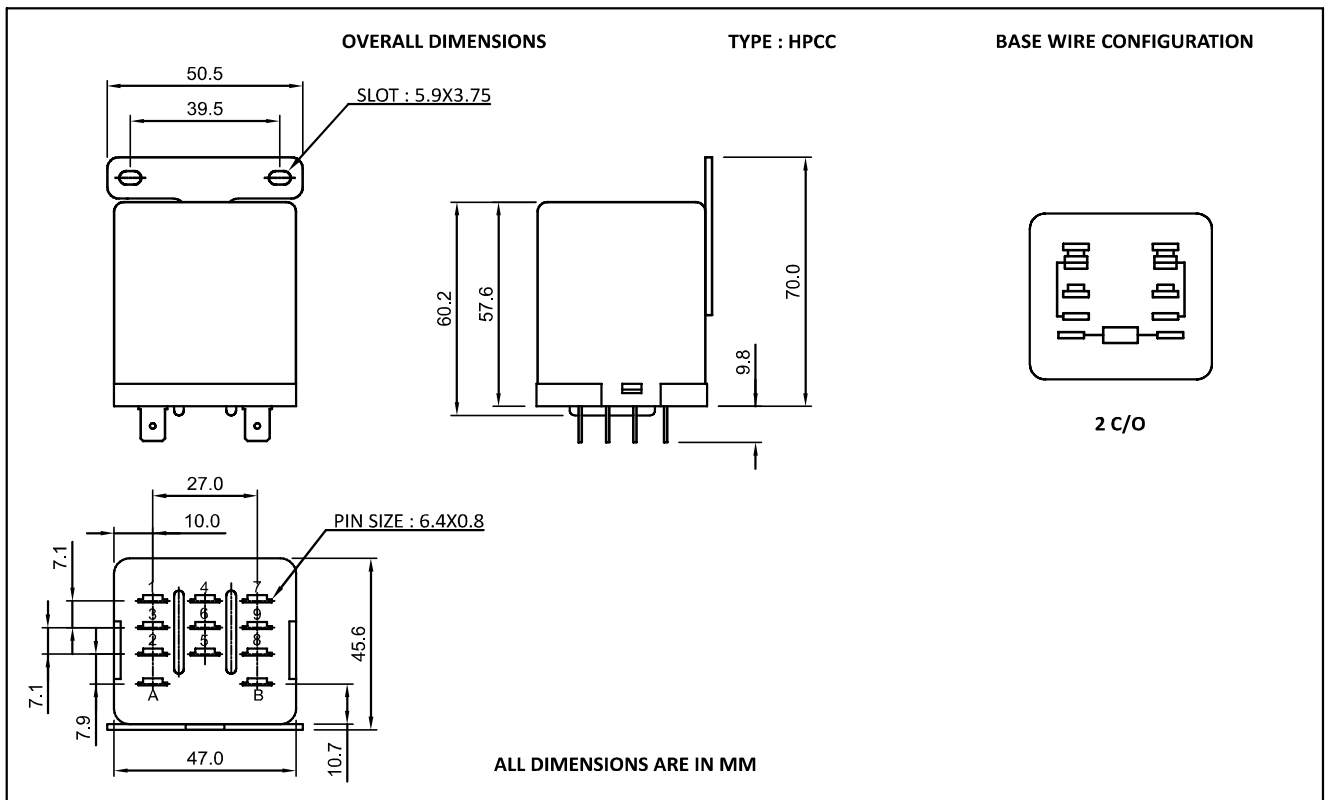
COIL – DATA (ALL VALUES AT 27°C ± 2°AMBIENT, COLD START)

NOMINAL VOLTAGE (V)	RESISTANCE IN OHM'S ± 10% Ω		MUST OPERATE VOLTAGE (V)	MUST RELEASE VOLTAGE (V)	OPERATING POWER FOR DC COIL	
	DC	AC			DC (W)	AC (VA)
12	74	-	9.6	1.2	1.95	-
24	300	-	19.2	2.4	2.22	-
48	1.2k	-	38.4	4.8	1.92	-
110	5.5k	-	88	11	2.20	-
220	26k	-	176	22	1.86	-
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



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