

TECHNICAL SPECIFICATIONS

TYPE		HPS	
TERMINAL TYPE		Solder / Plug-In	
CONTACT CONFIGURATION		1C , 1N/O	3C ,3N/O
		2C , 2N/O	
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC		16 Amp	
RELAY WITH ARC SUPPRESSOR RATED CARRYING CURRENT AT 220 VDC		16 Amp	-
CONTACT MATERIAL		Silver alloy	
INITIAL CONTACT RESISTANCE (MAX)		0.050 Ω	
COIL NOMINAL VOLTAGES	DC	6-220 V	
	AC	6-240 V @50Hz	
OPERATING POWER (MIN-MAX) FOR DC COIL		1.2 - 1.21 W	
OPERATING POWER (MIN-MAX) FOR AC COIL		2.42 - 3.60 VA	
DIELECTRIC STRENGTH BETWEEN	OPEN CONTACT	2000 VRMS	
	COIL TO CONTACT	2000 VRMS	
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH		500 MΩ	
OPERATE TIME (MAX)		25 ms	
RELEASE TIME (MAX)		15 ms	
AMBIENT TEMPERATURE		-40°C To +70°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) APPROX.		36.5 x 36.5 x 44.7(+8.1)	
MAX WEIGHT IN GRAMS (APPROX.)		90 gms	
OPTIONAL FEATURE		LED , DIODE	
STANDARDS		IEC 61810-1	



(Photo For Representation Purpose Only)

SALIENT FEATURES

- Medium Power Sources
- High Reliability
- Elegant / Sturdy and Light Weight

APPLICATIONS

- Voltage Stabilizer
- Uninterrupted Power Supply
- Process Control System
- Control Panels
- Inverters
- Industrial Controls
- Battery Charger

NOTE:- 1) Recommended socket :- HPSS DR 11 20A

2) Relays With Arc Suppressor Available In 1C , 1N/O , 2C , 2N/O Contact Configuration

3) All Specification / Dimensions subject to Tolerance.

4) Any Techno commercial changes is / are prerogative of manufacturer / management of the company which can be done without any notice.



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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 RELAY	AC RELAY			DC (W)	AC (VA)
6	30	4	4.8	0.6	1.2	3.60
12	120	16	9.6	1.2	1.2	3.60
18	270	-	14.4	1.8	1.2	-
24	480	70	19.2	2.4	1.2	3.29
48	1.9k	-	38.4	4.8	1.21	-
110	10k	2k	88	11	1.21	2.42
220	40k	-	176	22	1.21	-
240	-	9.5k	192	24	-	2.43
250	50k	-	200	25	1.25	-
400	-	27k	320	40	-	2.37

ORDERING CODE FOR RELAY

ARC SUPPRESSOR - H	<input type="checkbox"/>	HPS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Series Name									
No. of Contacts 1 / 2 / 3									
Configuration Changeover- C , N/O									
Coil Voltage 6V / 12V / 18V / 24V / 48V / 110V / 220V / 240V / 250V / 400V									
Coil AC - A DC - D									
Rated Carrying Current 16 A									
Additional Feature Led - L Diode - D									
Special Features									



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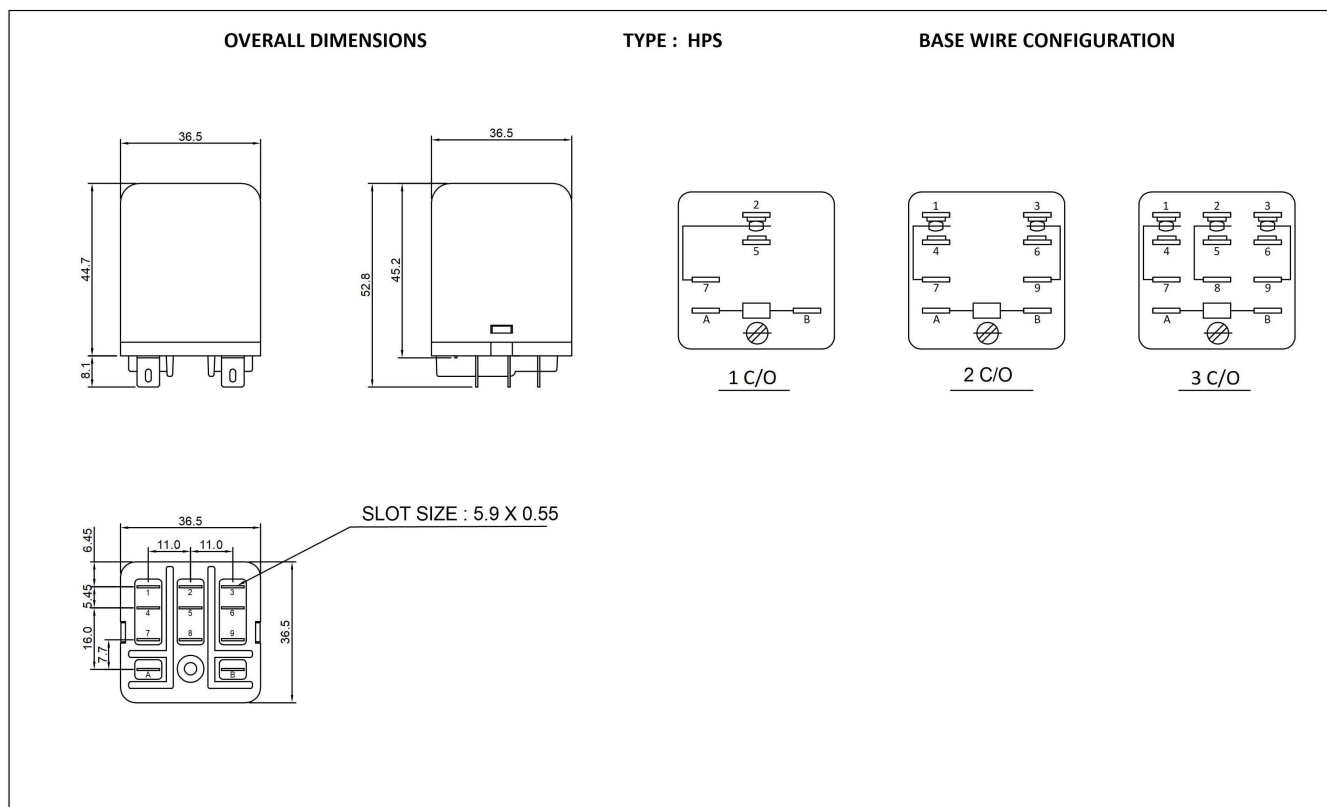


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DIMENSIONS



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



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