



Features

- UL F class rated standard, UL/CUL, TÜV certified
- Small size and light weight, low coil power consumption
- Heavy contact load, strong shock and vibration resistance

Contact Data

TÜV Contact Rating	N.O.	40A @ 240VAC; 14VDC 30A @ 277VAC	Contact Arrangement	1A = SPST N.O.
	N.C.	30A @ 240VAC; 14VDC 20A @ 277VAC		1B = SPST N.C. 1C = SPDT
UL Contact Rating	N.O.	40A @ 240VAC Resistive 30A @ 277VAC General Purpose 2hp @ 250VAC	Contact Resistance	< 30 milliohms initial
	N.C.	30A @ 240VAC Resistive 30A @ 30VDC 20A @ 277VAC General Purpose 1-1/2hp @ 250VAC		Contact Material
			Maximum Switching Power	9600VA, 1120 W
			Maximum Switching Voltage	277VAC, 110VDC
			Maximum Switching Current	40A

Coil Data DC Parameters

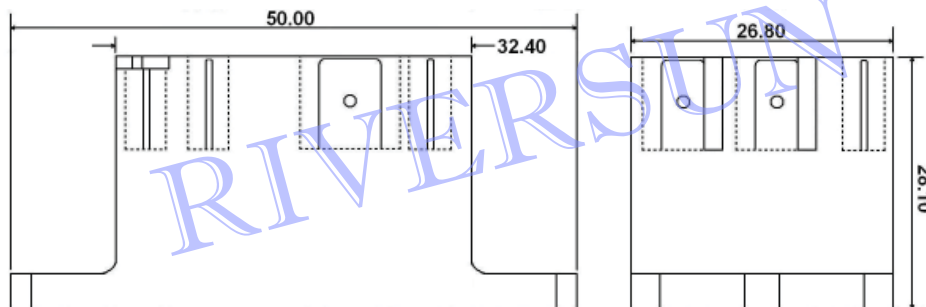
Coil Voltage VDC		Coil Resistance Ω +/- 10%		Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	.6W	.9W	75% of rated voltage	10% of rated voltage			
3	3.9	15	10	2.25	.3	.60 .90	15	10
5	6.5	42	28	3.75	.5			
6	7.8	60	40	4.50	.6			
9	11.7	135	90	6.75	.9			
12	15.6	240	160	9.00	1.2			
15	19.5	375	250	10.25	1.5			
18	23.4	540	360	13.50	1.8			
24	31.2	960	640	18.00	2.4			
48	62.4	3840	2560	36.00	4.8			
110	140.3	20167	13445	82.50	11.0			

Coil Data AC Parameters

Coil Voltage VAC		Coil Resistance Ω +/- 10%		Pick Up Voltage VAC (max)	Release Voltage VAC (min)	Coil Power VA	Operate Time ms	Release Time ms
Rated	Max			75% of rated voltage	30% of rated voltage			
12	15.6	27		9.00	3.6	2VA	15	10
24	31.2	120		18.00	7.2			
110	143	2360		82.50	33.0			
120	156	3040		90.00	36.0			
220	286	13490		165.00	66.0			
240	312	15320		180.00	72.0			
277	360	20210		207.00	83.1			

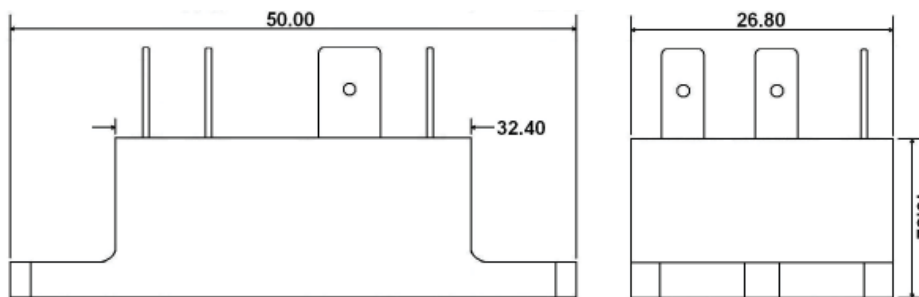
Dimensions

Units = mm



Standard Cover

** Quick Connect Terminals : Contacts - 6.35 x .81mm (.250" x 0.032")
 Coil - 4.75 x .50mm (.187" x .020") standard



L = Low Profile

** Quick Connect Terminals : Contacts - 6.35 x .81mm (.250" x 0.032")
 Coil - 4.75 x .50mm (.187" x .020") standard

Schematics & Panel Layouts

Top Views



Specifications and availability subject to change without notice.

Dimensions shown in mm. Dimensions are shown for reference purposes only.