



UL / cUL RATINGS

Contact Form	1A SPST N.O. 2A DPST N.C			
Resistive, AC-1	30A @ 277VAC 25A @ 277VA			
Inductive, AC-15	3 HP @ 240VAC			
	1½ HP @ 120VAC			
Max Switching Power	8310 VA	6925 VA		

CONTACT DATA

Material		Ag Alloy (Silver Oxide)
Initial Contact Resistance		50 m Ω max. at 6V, 1A
Max Switching Voltage		150VDC, 277VAC
Service Life Mechanical		5 x 10 ⁷ operations
	Electrical	1 x 10 ⁵ operations

Values can change due to the switching frequency, desired reliability levels, environmental conditions, and in-rush current levels. It is recommended to test to actual load conditions for the application. It is the users responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

ORDERING INFORMATION

FEATURES

- Fast-On and Screw Terminal Options
- Dual Contacts T-Bar Construction
- AC or DC Coil Option
- Test Button Option
- 4KV AC Dielectric Between Contact and Coil
- UL94V-2 Fame Resistant Plastic

CHARACTERISTICS

Operate Time	30 ms max		
Release Time	30 ms max		
Insulation Resistance	500 MΩ min. at 500 VDC		
Dielectric Strength	4000 VAC 1min, between coil & contacts		
	2000 VAC 1 min, between poles		
	2000 VAC, between open contacts		
Power Consumption	DC Coil : 1.9W; AC Coil : 1.7VA to 2.5VA		
Terminal Strength	8N; 4N PC type		
Solderability	260°C 5 s ± 0.5 s		
Operating Temperature	-40°C to 85°C		
Relative Humidity	35% to 85% at 30°C		
Shock Resistance	10g		
Vibration Resistance	10~55Hz double amplitude 1.5mm		
Weight	90g Plug-In: 120g Screw In		

Example		PC673	-2A	-TF	-220A	Т
Model:	PC673					
Contact Form:	1A 2A					
Mounting Version:		DIN Rail		-		
Coil Voltage:	6A = 6VAC 12A = 12VAC 24A = 24VAC 48A = 48VAC 110A = 110VAC 220A = 220VAC 380A = 380VAC 400A = 400VAC	6D = 6VDC 12D = 12VDC 24D = 24VDC 48D = 48VDC 110D = 110VDC 220D = 220VDC				
LED:	Nil = no LED L = with LED, onl	y available with Screv	w Terminals, cho	ose SF or SD Mou	nting Version (2)	
Test Button:	Nil = without Test T = with Test Butt					-

(1) With Finger Guard Cover; (2) LED requires cover, available only with SF : Screw Terminals & Flange or SD : Screw Terminals & DIN Rail



20550 Commerce Blvd, Rogers, MN 55374 USA Sales (763) 535-2339

PC673 Rev C 08/2023



PC673

COIL DATA

Voltage Type	Coil V	Coil Voltage		Must Operate Voltage Max	Must Release Voltage Min	Coil Power
Coil Power	Rated	Max		(VDC)	(VDC)	
	6	6.6	18.9	4.5	0.9	
	12	13.2	75	9.0	1.8	
DC	24	26.4	300	18.0	3.6	1.9W
DC	48	52.8	1220	36.0	7.2	1.900
-	110	121	6360	82.5	16.5	
	220	242	25474	165.0	33.0	
	6	6.6	17	4.8	0.6	
AC -	12	13.2	65	9.6	1.2	
	24	26.4	275	19.2	2.4	
	48	52.8	1100	38.4	4.8	2.5VA
	110~120	132	5200	88.0	11.0	2.5VA
	220~240	262	21000	176.0	22.0	
	380	418	62650	304.0	38.0	
	400	440	62650	320.0	40.0	

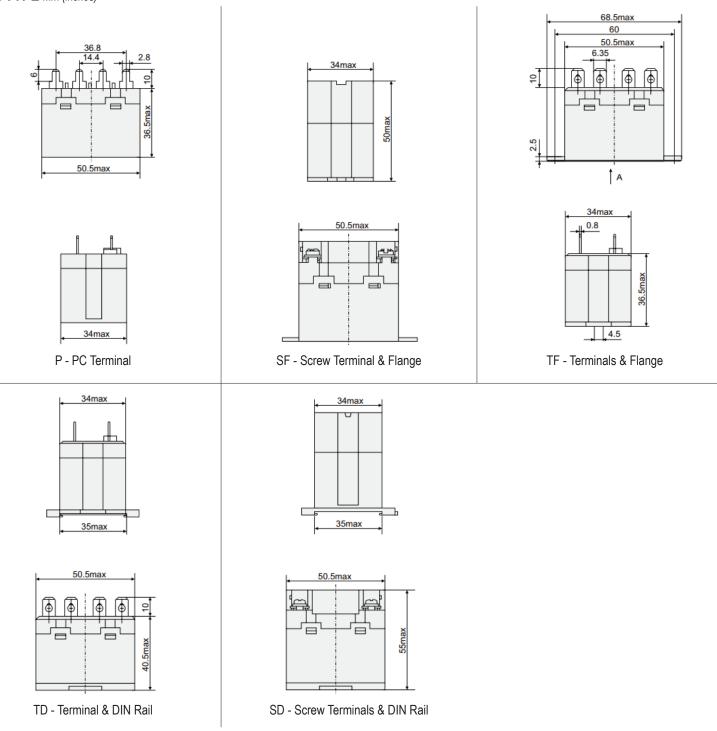
NOTE : The use of any coil voltage less than the rated voltage will compromise the operation of the relays. Must Operate Voltage is listed for test purposes only and is not to be used as design criteria. Pickup and release voltages are for test purposes only are are not to be used as design criteria.

CONFIGURATIONS

		Quick Connect	Screw Terminals	PCB Pins
No Bracket	SPST-NO	PC673-1A-T	-	-
	DPST-NO	PC673-2A-T	-	-
Flange Mounting	SPST-NO	PC673-1A-TF	PC673-1A-SF	-
	DPST-NO	PC673-2A-TF	PC673-2A-SF	-
DIN Rail	SPST-NO	PC673-1A-TD	PC673-1A-SD	-
	DPST-NO	PC673-2A-TD	PC673-2A-SD	-
PCB Mounting	SPST-NO	-	-	PC673-1A-P
	DPST-NO	-	-	PC673-2A-P

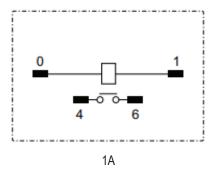


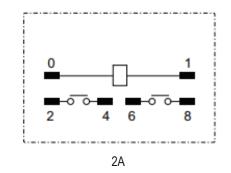
CASE TYPE mm (inches)



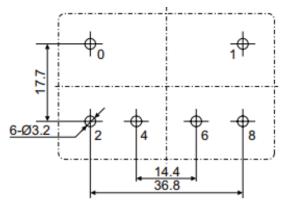


SCHEMATICS Bottom Views

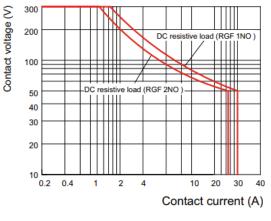




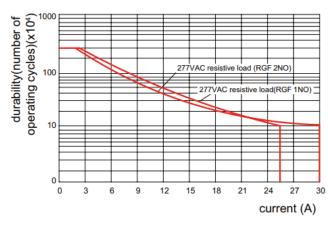
PC LAYOUT Top View



REFERENCE DATA



Max Operating Power



Life Expectancy

