

OTX15F1L	60A on/off current capacity High inrush current resistance
	Features ● High power 50A general purpose relay ● Fast plug, PCB board mounting form ● High temperature resistant and flame retardant plastic materials. ● Ideal control element for power supply and home appliance applications ● Outline Dimensions: (32*27.4*19.0)mm

CONTACT DATA

Contact arrangement	1A 1B 1C	
Contact material	Silver cadmium oxide, silver tin oxide	
Contact rating (Resistive)	NO;60A/200VAC NC;40A/220VAC NO;40A/277VAC	
Insulation resistance	50mΩ(Max.) (1A 6VDC four-terminal method)	
lifetime	Electrical	NO;10000 times NC;10000 times
	Mechanical	1x10 ⁷ ops

CHARACTERISTICS

Insulation resistance	100mΩ(500VDC)	
Dielectric strength	Between coil & contacts	15000VAC 1min
	Between open contacts	2000VAC 1min
Shock resistance	100m/s 2	
Vibration resistance	10Hz-50Hz 1.5mm	
Solderability	250°C±10°C 5±0.5s	
Ambient temperature	-30°C~70°C	
Humidity	85% (at 40°)	
Unit Weight	31g	

COIL DATA (20°C)					
Nominal Voltage VDC	Maximum coil voltage VDC	Pick-Up Voltage ≤ (VDC)	Drop-out Voltage ≥ (VDC)	Coil Resistance ±10%Ω	Coil power
5	6	3.75	0.5	26.8	0. 93W
6	7.2	4.5	0.6	38.7	
9	10.8	6.75	0.9	90	
12	14.4	9	1.2	155	
18	21.6	13.5	1.8	360	
24	28.8	18	2.4	600	
36	43.2	27	3.6	1440	
48	57.6	36	4.8	2560	
110	132	82.5	11	13000	

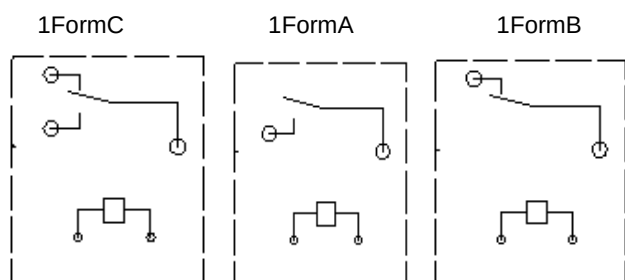
Ac coil parameter (20℃)

Nominal Voltage VDC	Maximum coil voltage VDC	Pick-Up Voltage $\leq$ (VDC)	Drop-out Voltage $\geq$ (VDC)	Coil Resistance $\pm 10\% \Omega$	Coil power
12	14.4	9.6	2.4	25	2.4VA
24	28.8	19.2	4.8	100	
48	57.6	38.4	9.6	400	
110	132	88	22	2500	
220	264	176	44	13490	
240	288	192	48	13490	
277	332.4	221.6	55.4	15000	

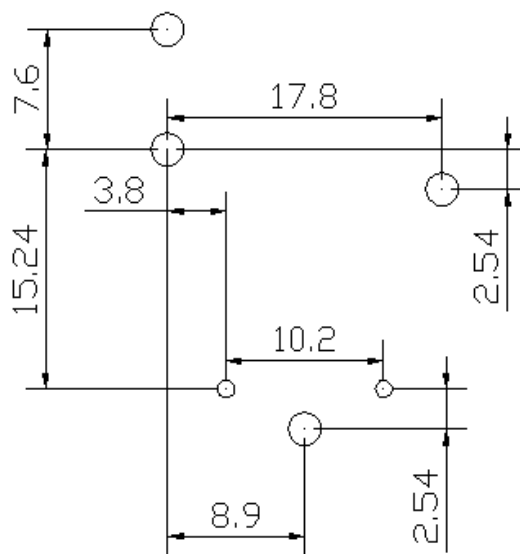
ORDERING INFORMATION

Type	OTX15F1	-DC	-12V	-1A	-
Coil power supply	DC-DC	AC-AC			
Coil voltage	5、6、9、12、18、24、36、48、110、220				
Contact arrangement	1A:1FormA	1B:1FormB	1C:1FormC		
Inside packing:					

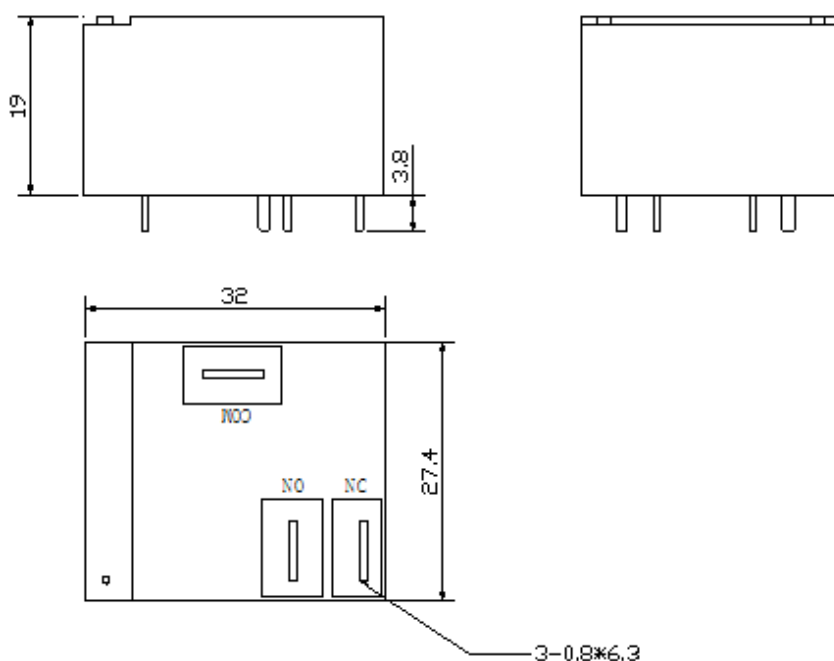
WIRING DIAGRAM (BOTTOM VIEW)



OPENING SIZE (BOTTOM VIEW)



Outside drawing



This specification is for reference only, the actual use is subject to the sample, all relays meet ROHS requirements, if there is any change will not be notified.

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