

OTX58F	PCB relay
	Features ● 60A switching capability ● Ac and DC two ways to customize ● Long service life and large load ● Strong versatility and wide application ● Outline Dimensions: (45.8×45×64) mm

TECHNICAL DATA

Contact arrangement	1Z 1H 1D,
Resistive load	60A/240VAC30VDC
Contact resistance ⁽¹⁾	≤50mQ
Contact material	AuAg
Electrical life (frequency 1S on, 1S off)	≥1x10 ⁷ ops
Mechanical life (frequency 300 times /1 min)	≥1x10 ⁵ ops
Suction voltage (23C)	DC:≤75% x rated voltage. AC:≤80%x rated voltage
Release voltage (23C)	DC:≥10%x rated voltage ,AC: ≥30%x rated voltage
Maximum voltage (23C).	110%x rated voltage
(DC)	6V.9V.24V.36V,48V.1 10V 220V(voltage can be customized)
(AC)	6V.9V.24V.36V,48V.1 10V 220V 380V(voltage can be customized)
(DC)	2.0W
(AC)	8.6VA
Operate time	≤25ms
Release time	≤15ms
Between the same pole contacts	1500VAC/1minC waterfall current 1mA)
Between the heteropolar contacts	1500VAC/1minC waterfall current 1mA)
Between Contacts and Coil	2500VAC/1minC waterfall current 1mA)
Insulation resistance	≥500MO(500VDC)
Ambient temperature	-25℃~55℃
Humidity	45%-75%RH
Atmospheric pressure	86- 106KPa
Resistance to stamping	10G(sinusoidal half-wave pulse :11ms)
Vibration Resistance	10-55Hz Double amplitude: 1.0mm

ORDERING INFORMATION

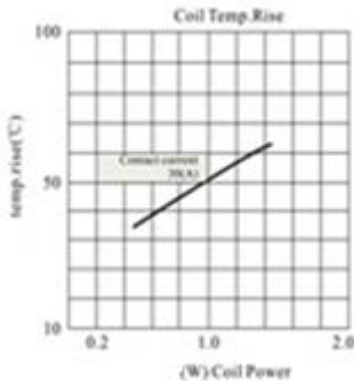
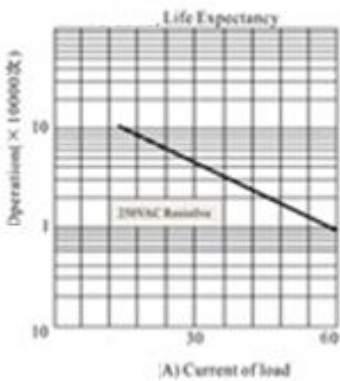
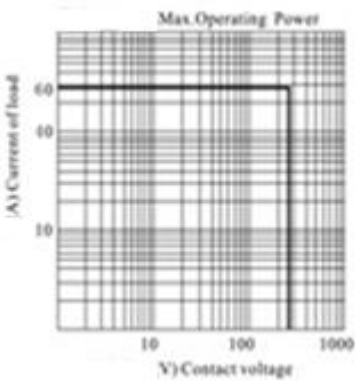
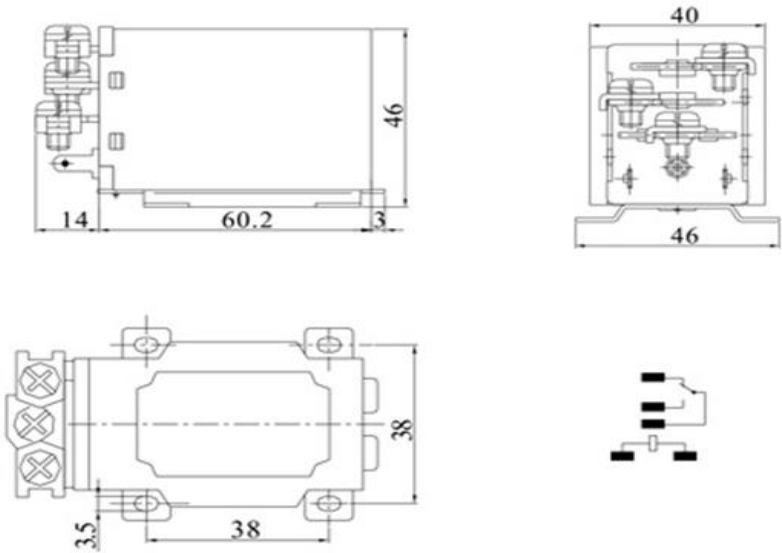
	OTX58F	-DC	-12V	-1A	-D	-S	-
Type							
Coil power supply	DC	AC					
Coil voltage	6V, 12V, 24V, 48V, 110V, 220V						
Contact arrangement	1A:1FormA	1B:1FormB	1C:1FormC				
Coil Power	NIL:0.2w						
Construction	S: No shell type None: Yes shell type						
Installation	Insert type, screw mounted type						

Notes: (1) We recommend flux proofed types for a clean environment (free from contaminations like H2S、SO2、SO2, dust, etc.). We suggest to choose plastic sealed types and validate it in real application for an unclean environment (with contaminations like H2S、SO2、SO2, dust, etc).

(2) Contact is recommended for suitable condition and specifications if water cleaning or surface process is involved in assembling relays on PCB.;

OMTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOMT

unit::mm



Notes: (1)In case of no tolerance shown in outline dimension: 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 and pin size is always ±0.1mm.

(3)This product specification is for reference only, subject to change without prior notice

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. web:www.qingmu.hk