

OTX85	Auto large current relay
	Features ● 200A Super Current Relay ● Mainly used for large machines, motor start up ● 200 A's safer, more reliable.

CONTACT DATA

Contact arrangement	1A
Contact material	AgSnO ₂
Contact rating(resistance)	200A/14VDC
	100A/28VDC
Max .switching voltage	40VDC
Max. switching current	200A
Max. switching power	2800W
Contact resistance	≤30mΩ
Mechanical endurance	1x10 ⁷
Electrical life	1 x 10 ⁵

CHARACTERISTICS

Insulation resistance	100mΩ(500VDC)	
Operate time (at rated. volt.)	4ms	
Release time (at rated. volt.)	2ms	
Shock resistance	147m/s ²	
Vibration resistance	10-40Hz double amplitude 1.5mm	
Terminals strength	20N	
Solderability	235℃±2℃ 3±0.5s	
Humidity	85%(at 40℃)	
Ambient temperature	-40℃~85℃	
Dielectric strength	Between coil & contacts	50Hz 500V
	Between open contacts	50Hz 500V

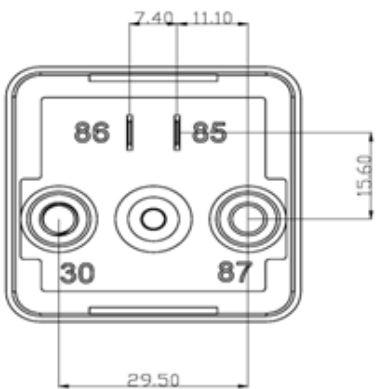
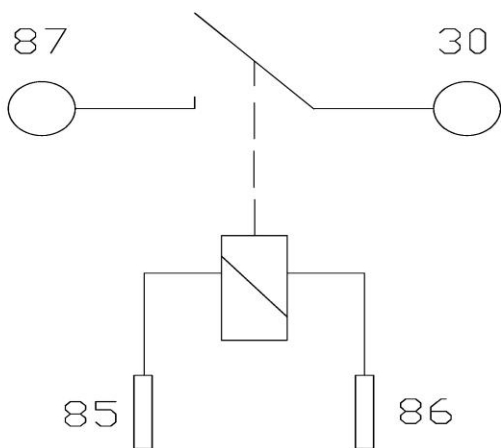
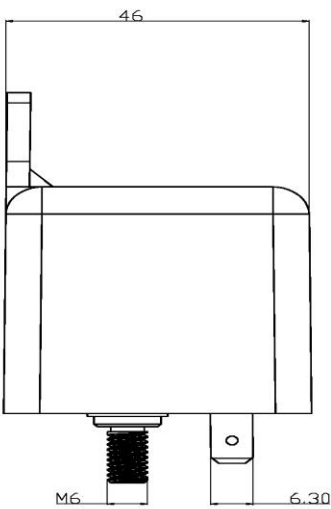
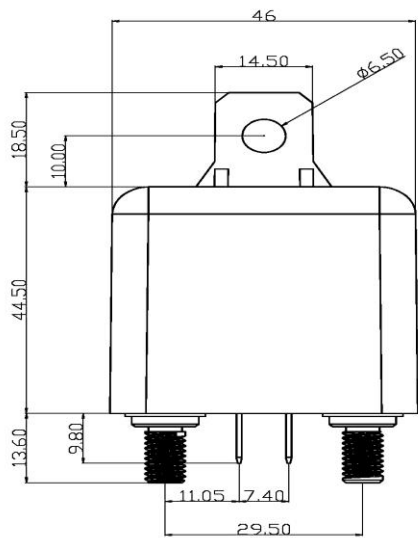
Coil Parameter

Dash numbers	Coil voltage (VDC)		Coil resistance (Q±10%)	Pickup voltage	Release voltage	Coil Power	Operate Time	Release Time
	Rated	Max.		VDC (max.)	VDC (min.)			
12V 2.4W	12	15.6	60	7.8	1.2	2.4W	≤10ms	≤5ms
24V 2.4W	24	31.2	240	15.6	2.4	2.4W		
12V 4.8W	12	15.6	30	7.8	1.2	4.8W	≤10ms	≤5ms
24V 4.8W	24	31.2	120	15.6	2.4	4.8W		

ORDERING INFORMATIO

	OTX85	-4.8W	-12V	-1A
Type				
Coil power	2.4W 4.8W			
Coil voltage	12:12VDC 24: 24VDC			
Contact arrangement	1A:1FormA			
Special	XXX: Customer requirements None: Standard			

OMTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOMT UNIT : MM



Mounting hole tolerance ±0.3mm

Remark: (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.

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