

OTX86F	Auto large current relay
	Features ● 150A switching capability ● Terminal limit continuous current 180A ● Stability of base structure ● Dust cover IP6K5 ● Outline Dimensions: (98 *71*40)

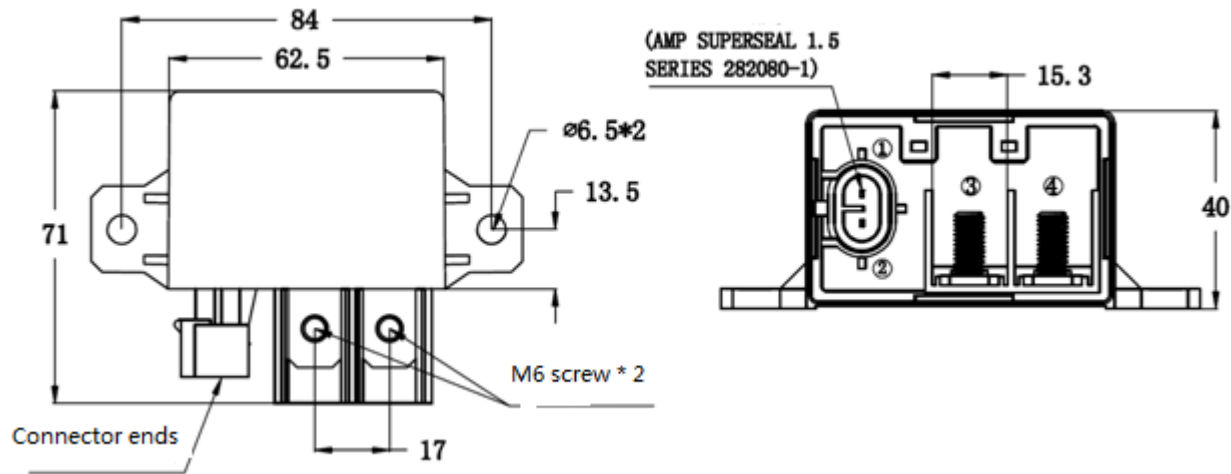
Product model

Contact data	Limit breaking current 300A Minimum value: 1000mA @ 5DVC	
Contact form	1 from A(NO bridge)	
Contact material	AgSnO2	
Max, operating Current	150A	
Coil data	141Ω±10% with suppression resistance	35Ω±10% with suppression resistance
Rated voltage of coil	24VDC	12VDC
Rated coil power	4.1W	4.1W
The pull in voltage	≤17VDC	≤8VDC
Release voltage	≥2.4VDC	≥1.2VDC
Operating time	< 30ms	< 30ms
Release time	< 15ms	< 15ms
Dielectric withstanding voltage	Electrical life	50,000 times (resistive load)
	Mechanical life	A Million times
Life	Between coil & contacts	500VAC 1 min
	Mechanical life	A Million times
Ambient temperature	-40℃~85℃	
Protection category	IP6K5	
Terminal type	Insert(coil)	Screw terminals(load)
Installation method	Flange mounting	

ORDERING INFORMATION

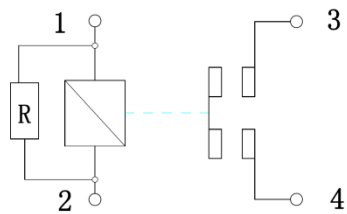
	OTX86F	1A	24VDC	-	
Type					
Contact arrangement	1A:1FormA				
Coil voltage	12:12VDC 24 : 24VDC				
Power polarity R	reverse polarity None: no polarity				
Special					

EXTERNAL DIMENSIONS : MM



Remark: (1)In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.

The wiring diagram



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