



1. 100A ;
2. ;
3. 15W;
Coil power consumption \hat{O} 15W.
4. 100M (1000VDC) 1kV;
The insulation resistance reaches 100M (1000VDC), and the withstand voltage between the contacts and the coil is 1kV.
5. IP :IP40;
6. IEC 60664-1 GB/T14048.1 GB/T14048.4 ;
Compliant with IEC 60664-1, GB/T14048.1 and GB/T14048.4 requirements.
7. RoHS 2015/863/EU REACH 1907/2006/EC ;
Compliant with RoHS (2015/863/EC) and REACH (1907/2006/EC) requirements.
8. CE RoHS;
Safety certificate: CE, RoHS.

at23

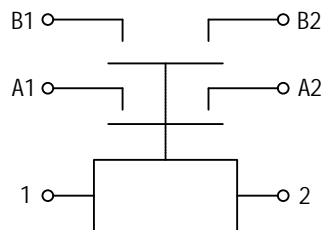
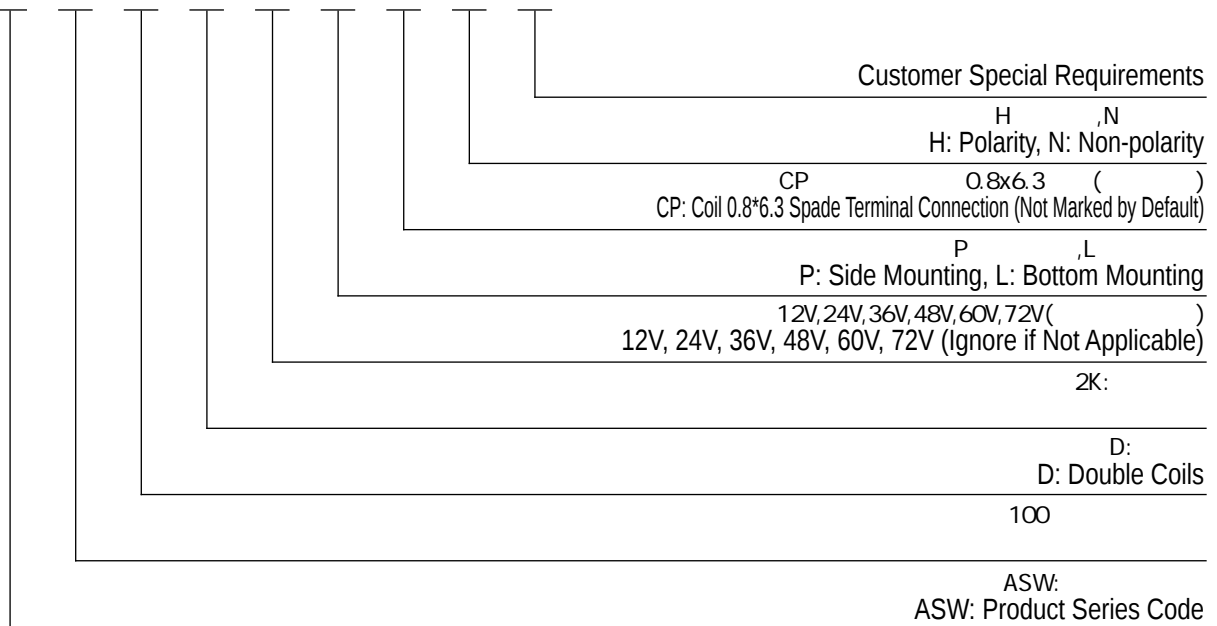
at23

	2K 2NO	Pickup Voltage	70% Us
	0.5m	Dropout Voltage	10% Us
Contact Voltage Drop	80mV(at 100A)	Contact Bounce Period	5ms
	7le, 1s		30ms
	-40 ~-65	Dropout Time	30ms
	M8 M8 External Thread	Dielectric Strength	Between Main Contacts 50Hz/60Hz 1000VAC/1min
Vibration	3.5g, 10~200Hz, 1/2 3.5g, 10~200Hz, 1/2 Sine Wave (Power On)		Between Main Contacts and Coil 50Hz/60Hz 1000VAC/1min
	20 ~90 RH		100M 1min
Dimension	48x42x89mm		50M 1min
Operating Duty			60-100) / 4g (60-100)times/min, Acceleration \hat{O} 4g
Electrical Durability with Load (Resistive)	6000 \hat{O} 6,000 Times	Mechanical Durability	100000 \hat{O} 100,000 Times
Load Wiring Torque	4-5N.m	Coil Wiring	6.3x0.8 6.3*0.8 Spade Terminal

ASW100-2K

Coil Voltage	Pickup Voltage VDC	Dropout Voltage VDC		
12V	70% Us	10% Us	1A	7 15W
24V	70% Us	10% Us	0.6A	7 15W
36V	70% Us	10% Us	0.6A	7 15W
48V	70% Us	10% Us	0.5A	7 15W
60V	70% Us	10% Us	0.3A	7 15W
72V	70% Us	10% Us	0.25A	7 15W

ASW 100 D 2K 12 P CP H TO1



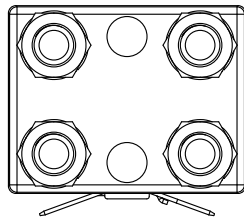
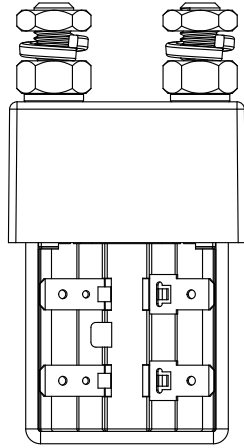
Wiring Diagram

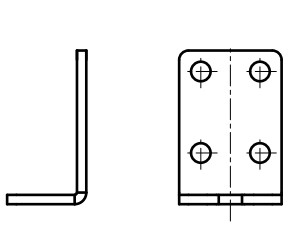
A1,A2

B1,B2
 B1&B2 Main Terminals

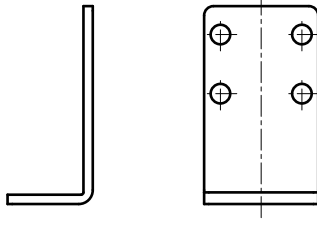
1,2 12-72V
 1&2 Coil Terminals 12-72V

ASW100-2K()

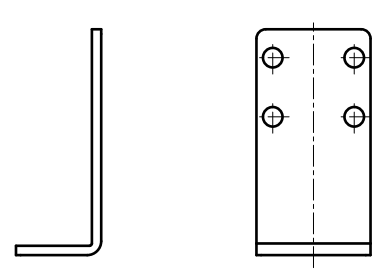




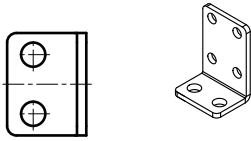
L(卧型) 安装支架
L (Horizontal) Mounting Bracket



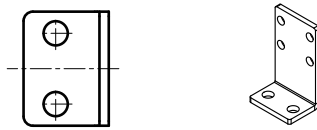
L(立型) 安装支架1
L (Vertical) Mounting Bracket 1



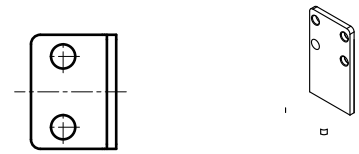
L(立型) 安装支架2
L (Vertical) Mounting Bracket 2



侧弧安装支架
Side Cambered Mounting Bracket



W型安装支架
W Mounting Bracket



1.

This document is only for customer selection reference, AOKAI has tried the best to ensure the accuracy of the information in this document. Product specifications and parameters may be changed due to product improvement etc., they may be inconsistent because of not updated in time. For the specific parameters and performance of each product, please refer to

2.

Regarding the application of this product, please select the matching product according to your specific use conditions and environmental requirements when selecting the product. If the requirements are not clearly specified, please contact AOKAI

3.

When installing and using this product, regardless of wiring or fixed installation, it is required to use anti-loose spring washers.

4.

The torque for installing fasteners should be within the standard range required by this specification. It may cause the unstable installation or damaging the product if the torque is lower than the minimum torque or higher than the maximum torque.

5.

Do not install the contactor in places with strong magnetic fields (such as transformers or strong magnets), or close to objects

6. 30cm

It is forbidden to use the product that have been dropped from a high place (height \geq 30cm).

7.

The driving power of the product coil must be bigger than or equal to the coil power of the product, otherwise the product

8.

When the coil is continuously energized, the coil voltage cannot exceed the maximum allowable voltage, otherwise the

9.

This product is not waterproof. Please do not use it in an environment where water, solvent, or oil may come into contact with the casing or terminals. Otherwise, the aging of the casing or corrosion of the terminals may cause abnormal heating.

10.

It is forbidden to use the product beyond the rated electrical life. When the rated electrical life is reached, although the product can continue to work, there is a risk of failure, explosion, and burning because of non-breaking.

11.

This product cannot be used as a protector, and the circuit must be connected with a protector in series when using.

12.

AOKAI only does the resistive electrical life verification and quality assurance. When the product is used in an environment with inductive load or capacitive load, it is recommended that the circuit should be connected in parallel with a surge protec

13.

After continuous work, restarting immediately after disconnection will affect the pull-in voltage because the product is in a hot state, and the pull-in voltage will increase, which is a reasonable phenomenon.

14.