

LW 126

Product's brief introduction

LW126 series universal rotary switch is mainly used in electric circuit of AC50Hz, rated working voltage being 440V or below, DC voltage 240V or below and rated current from 20A to 160A. It is for controlling manually non-frequent switch-on and off circuit, additionally, it also could directly control three-phase asynchronous motor and be used for controlling and measuring circuit. It has a wide using range, so it can replace every rotary switch such as circuit control switch, test equipment's switch, motor-control and master control switch, etc.

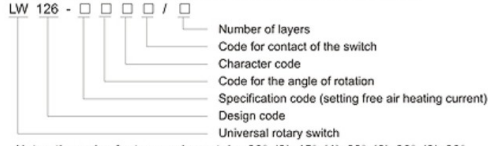
① LW126 series rotary switches comply with: GB 14048.3, GB 14048.5, and IEC 60947-5-1.

② Among which, the LW126-10, LW126-16, LW126-20 and LW126-25 enjoy the finger-proof terminals, which offered an extra advantage.

③ 1) Position style; 2) Auto-return style; 3) Position & Auto-return style

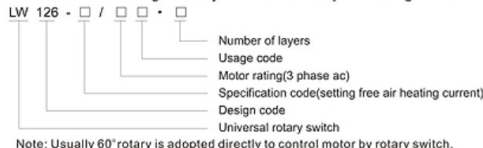
Product model and its meaning

1、model and meaning of rotary switch for master controlling



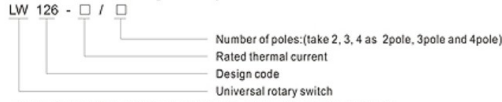
Note: the code of rotary angle contains 30° (3); 45° (4); 60° (6); 90° (9); 30° self-reset 60° positioning (36); 45° self-reset 90° positioning (39).

2、model and meaning of rotary switch for directly controlling motor



Note: Usually 60° rotary is adopted directly to control motor by rotary switch.

3、model and meaning of rotary switch for main circuit



Note: the rotary switch for main circuit generally adopts 60° rotary

Main technical parameters

Description	LW126-10	LW126-20	LW126-25	LW126-32	LW126-63	LW126-125	LW126-160
Rated thermal current Ith	A 10	20	25	32	63	125	160
Rated working voltage Ue	V 240 440	240 440	240 440	240 440	240 440	240 440	240 440
AC-21A							
AC-22A	A 10	10	20	25	32	63	100
AC-23A	A 7.5	7.5	15	15	22	30	30
AC-2	A 7.5	7.5	15	15	22	30	30
AC-3	A 5.5	5.5	11	11	15	22	36
AC-4	A 1.75	1.75	3.5	3.5	6.5	11	15
AC-15	A 2.5	1.5	5	4	8	5	14
Rated controlling power P							
AC-23A	KW 1.8	3	3.7/2.5	7.5/3.7	5.5/3	11/5.5	7.5/4
AC-2	KW 2.5	3.7	4	7.5	5.5	11	7.5
AC-3	KW 1.5	2.2	3/2.2	5.5/3	4/3	7.5/3.7	5.5/4
AC-4	KW 0.37	0.55	0.55/0.75	1.5/1.1	3/2.2	2.7/1.5	5.5/3

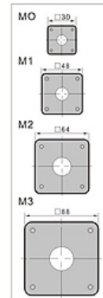
Operation method	Character code	30° rotation	45° rotation	60° rotation	90° rotation
Self-return	A	0°	0°	0°	0°
	B	30°	45°	60°	90°
	C	0°	45°	60°	90°
	D	30°	45°	60°	90°
	E	30°	45°	60°	90°
	F	60°	45°	90°	180°
	G	60°	45°	90°	180°
	H	90°	45°	135°	180°
	I	90°	45°	135°	180°
	J	120°	90°	150°	180°
	K	120°	90°	150°	180°
	L	150°	120°	90°	180°
	M	150°	120°	90°	180°
	N	30°	45°	60°	90°
Limited movement and self-return	Z	60°	45°	90°	180°

Specification and size

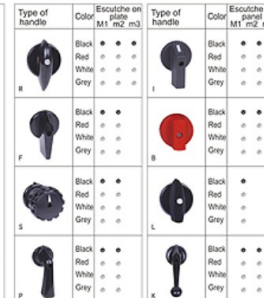
Description	Escutcheon plate	Dimensions (mm)	Installation (mm)
		A B C L	a b d1 d2
LW126-10	M0 square	30 30 28 26.5±12n	φ8 φ3.2
LW126-20	M1 square	48 48 43 22±9.6n	36 36 φ8.5 φ4.5
	M2 square	64 64 43 25±9.6n	48 48 φ10 φ4.5
LW126-25	M1 square	48 48 45.2 23±12.8n	36 36 φ8.5 φ4.5
	M2 square	64 64 45.2 26.5±12.8n	48 48 φ10 φ4.5
LW126-32	M2 square	64 64 58 29±12.8n	48 48 φ10 φ4.5
LW126-63	M2 square	64 64 66 29±21.5n	48 48 φ10 φ4.5
LW126-125	M3 square	88 88 84 35±26.5n	68 68 φ13 φ6
LW126-160	M3 square	88 88 88 35±32.5n	68 68 φ13 φ6

Note: n means number of layers

Escutcheon plate

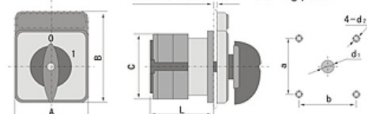


Type of handle

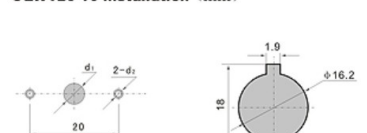


Note: * standard color, * optional color

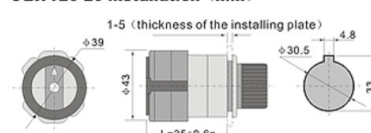
1-5 (thickness of the installing plate)



LW126-10 installation (mm)



LW126-20 installation (mm)



1-5 (thickness of the installing plate)