

## LW28 Universal Changeover Switch



20A



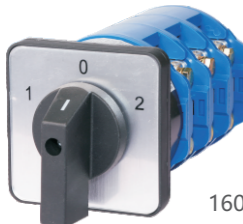
20A-V



20A-A



63A



160A

### Scope

LW28 Series Universal changeover switch mainly used for AC 50Hz, rated voltage up to 380V and below, DC voltage up to 220V, rated current to 160A electrical circuit for manually infrequent making or breaking the circuit for the purposes of control and conversion, can also controlling three-phase asynchronous motors and circuit directly as the purposes of master control and measurement. The products widely used, instead of the various national switch, can be used as the circuit control switch, measuring equipment switches, motor control switches and the master control switch, and welding machine switch and so on.

Compliance with standards: The changeover switch use to the main circuit switching and direct control comply with GB14048.3-2001, IEC60947-3.

The changeover switch use to master control comply with GB14048.5-2001

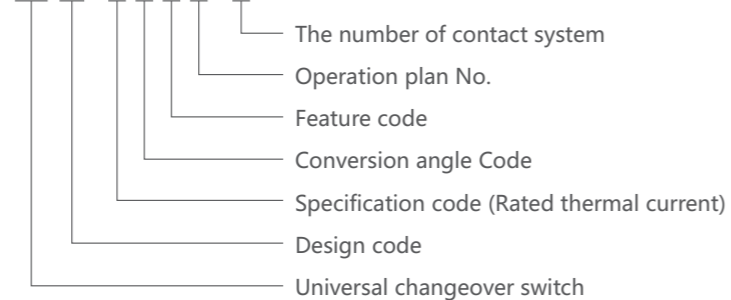
### Normal Working Conditions

1. The ambient air temperature does not exceed +40°C, the average temperature within 24 hours and not more than +35°C.
2. The ambient air temperature is not lower than -5°C.
3. Installation site altitude does not exceed 2000m.
4. The relative humidity of the air no more than 50% when the maximum temperature is +40°C and at a lower temperature allows a higher relative humidity, such as when temperature is 20°C the relative humidity reach 90%.  
To condensation occasionally due to temperature changes should take special measures.

### Type Designation

For use to master control

LW 28 - □ □ □ □ / □



Note: Conversion angle Codes are 30°(3); 45°(4); 60°(6); 90°(9); 30°automatic reset 60°position(36); 45°automatic reset 90°position(49).

## LW28 Universal Changeover Switch

### Main Technical Parameters

The following table shows the main technical parameters of the transfer switch

Table 2

Model	Ith A	Ui V	Ue V	AC-21A	AC-22A	AC-23A	AC-2		AC-3		AC-4		AC-15	DC-13	
				Ie A	Ie A	Ie A	P kW	Ie A	P kW	Ie A	P kW	Ie A	P kW	Ie A	
LW28-10	10	660	240		10	7.5	1.8	7.5	2.5	5.5	1.5	1.75	0.37	2.5	
	10	660	440		10	7.5	3.0	7.5	3.7	5.5	2.2	1.75	0.55	1.5	
LW28-20	20	660	440		20	15	7.5	15	7.5	11	5.5	3.5	1.5	4	
	20	660	240											5	1
LW28-25	25	660	440		25	22	11	22	11	15	7.5	6.5	3	5	
	25	660	240											8	1.5
	25	660	120												9
LW28-32	32	660	440		32	30	15	30	15	22	11	11	5.5	6	
	32	660	240											14	11
	32	660	120												25
LW28-63	63	660	440		63	57	30	57	30	36	18.5	15	7.5		
	63	660	120												55
LW28-125	125	660	440		125	90	45	90	45	75	30	30	12		90
LW28-160	160	660	440		160	135	75	135	55	95	37	55	15		110

The following table shows the relevant dimension of the transfer switch

Table 3

Model	Panel Specification	Dimensions(mm)				Model	Panel Specification	Dimensions(mm)			
		A	B	C	L			A	B	C	L
LW28-10	M0 Square	30	30	28	22+8n	LW28-32	M2 Square	64	64	58	29.2+12.8n
LW28-20	M1 Square	48	48	43	22+9.6n		M2 Rectangle	64	80	58	29.2+12.8n
	M2 Square	64	64	43	25+9.6n		M3 Square	88	88	58	29.2+12.8n
LW28-20c	M2 Rectangle	64	80	43	25+9.6n	LW28-63	M2 Square	64	64	66	29.2+21.5n
	M2 Square	64	64	60	42.5+12.6n		M2 Square	64	80	66	29.2+21.5n
	M3 Square	88	88	60	42.5+12.6n	M3 Square	88	88	66	29.2+21.5n	
LW28-25	M1 Square	48	48	45.2	23+12.8n	LW28-125	M3 Square	88	88	84	35+26.5n
	M1 Rectangle	48	60	45.2	23+12.8n	LW28-160	M3 Square	88	88	88	35+32.5n
	M2 Square	64	64	45.2	26.5+12.8n	LW28-315	M4 Square	130	130	126	39.5+38.5n
	M2 Rectangle	64	80	45.2	26.5+12.8n						

