Order details:
Type specification, position of handle, size of plate,
NO. of contact diagram, layers and special requirements.

WenZhou Changjiang Electrical Appliance Factory

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Authorised distributor

Professional manufacturer since 1981

RoHS ISO9001

CanTak®

Company Profile

Wenzhou Changjiang Electrical Appliance Factory located in Wenzhou city, specialized in designing, manufacturing and marketing rotary switches.

Our factory was founded in 1981, has registered capital of 6 million RMB, more than 13000 square meters of factory space and more than 200 employees. We have 42 years experience in this field. Our factory has obtained **ISO 9001, CCC, CE, TUV, UL, RoHS etc certificates.**

We launched **LW26 series** Rotary Switch from 10A to 315A, which is currently the most advanced rotary switch in the field, has wide variety of applications. And we also produce **LW30, LW31, LW40, LW5D, HZ10D, HZ5D, etc series.** We offer OEM service to satisfy special requirements.

Our mission is to satisfy our customers with high quality products andreasonable price, and continuous improvement is our goal.

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LW26 Series Rotary Switch

LW26–10

LW26–20

LW26–20X

LW26–25

LW26–32

LW26–63

Product Introduction

The LW26 series rotary switch mainly applies to 440V and below, AC 50Hz or 240V and below DC circuits. For breaking and closing, change-over of circuits under unfrequently manual operation. And the typical application are: control switch of 3 phase motors, control switch of switch gear, control switch of instruments, and change-over switch of machinery and welding machine.

The series comply with the GB 14048.3, GB 14048.5 and IEC 60947-3, IEC 60947-5-1.

The LW26 series have 8 current ratings: 10A, 20A, 25A, 32A, 40A, 63A, 125A, 160A 250A, and 315A. They were designed for multiple functions, wide variety of applications.

The LW26-10, LW26-20, LW26-25, LW26-32F, LW26-40F and LW26-63F have finger protection terminals.

LW26 series rotary switch are an excellent substitute for LW2, LW5, LW6, LW8, LW12, LW15, HZ5, HZ10 and HZ12.

The LW26 series rotary switch has two derivatives, LW26GS Pad-lock type and LW26S Key-lock type.

Both of them are applicable in circuits when an physical control is required.

We can equip protective box(IP65) for 20A to 250A.

Working conditions

(1) Ambient temperature DO NOT exceed 40℃, and the average temperature, measured over a period of 24 hours, DO NOT exceed 35℃.

(2) Ambient temperature should not be below -25℃

(3) Should not be installed above 2000m above sea level.

(4) The humidity should not exceed 50% when the ambient temperature is 40℃ and higher humidity is allowed for lower temperature.

Installation conditions

(1) A clean environment is required

(2) Please follow our manual

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LW26–10X

LW26–32F

LW26–20C

LW26–125

LW26–160

LW26–250

LW26–315

Lw26 Series Rotary Switch

Type and meaning of products

LW 26–□ □ □ □/□

- Number of layers
- Code for contact diagram of the switch
- Character code
- Code of the degree of rotation
- Rated thermal current
- Product code
- Rotary switch(Cam Switch)

Re: Code of the degree of rotation, 30°（3）; 45°（4）;60°（6）;90°（9）; 30° spring return 60° limited（36）;30° spring return 90° limited（39）

LW 26–□ /□ □ · □

- Number of layers
- Usage code
- Rated power of motor (3 phase AC)
- Rated thermal current
- Product code
- Rotary switch(Cam Switch)

Re1: Usage code: (1) Q1 for start and run (2) N for start and reversing (3) S start and run for 2 speed (4)SN for start and reversing of 2 speed motor (5)M16 for start and reversing of 3 speed motor

Re2: Usage code: switches in this category normally rotated at 60°. And the SN normally rotated at 45°.

Use as control switches for a main circuit

LW 26–□ /□

- Number of poles: 2 poles, 3 poles and 4 poles
- Rated thermal current
- Product code
- Rotary switch(Cam Switch)

Re: Switches in this category normally rotated at 60° or 90°.

Classification

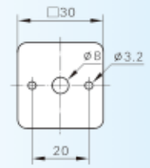
1. By Utilization	2.By operation	3.By contact system
(1) Change-over switch (2) Motor switch (3) Control switch	(1) Limited movement (2) Spring return (3) Limited movement with spring return	(1) Switches with limited movement could have 12 layers in max(for 32A and below), and for 63A and above could have 8 layers in max. (2) Switches with spring return could have 3 layers in max. (3) Motor switches could have 6 layers in max.

4 Diagram for the operation and position of handle

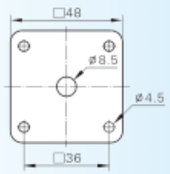
Operating Mode	Code	Position of handle			
Spring return	A	0°→30°	0°→45°	0°→60°	0°→90°
	B	30°→0°→30°	45°→0°→45°	60°→0°→60°	90°→0°→90°
	X	60°→30°→0°→30°→60°	90°→45°→0°→45°→90°		
	Y	90°→60°→30°→0°→30°→60°→90°			
Limited movement	C	0° 30°	0° 45°	0° 60°	
	D	30° 0° 30°	45° 0° 45°	60° 0° 60°	
	E	30° 0° 30° 60°	45° 0° 45° 90°	60° 0° 60°120°	
	F	60° 30° 0° 30° 60°	90° 45° 0° 45° 90°	60° 0° 60°120°180°	
	G	60° 30° 0° 30° 60° 90°	90° 45° 0° 45° 90°135°	120° 60° 0° 60°120°180°	
	H	90° 60° 30° 0° 30° 60° 90°	135°90° 45° 0° 45° 90°135°		
	I	90° 60° 30° 0° 30° 60° 90° 120°	135°90° 45° 0° 45° 90°135°180°		
	J	120° 90° 60° 30° 0° 30° 60° 90° 120°			
	K	120° 90° 60° 30° 0° 30° 60° 90° 120° 150°			
	L	150°120° 90° 60° 30° 0° 30° 60° 90° 120° 150°			
	M	150°120° 90° 60° 30° 0° 30° 60° 90° 120° 150° 180°			
	N		45° 45°	30°30°	
	P				90° 0° 90°
	T				0° 90°
	V				90° 0°
	R				270° 0° 90° 180°
Limited movement with spring return	Q	30° 0°→30°	45° 0°→45°		
	S	30°→0° 60°	90° 0°→45°		
	W		90°→45° 0° 45°→90°		
	Z	120°→90° 0°→30°	135°→90° 0°→45°		

Specification of Plate

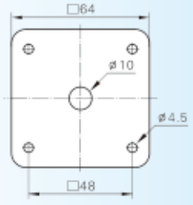
M0



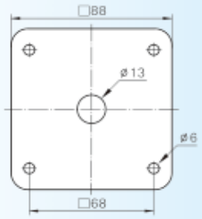
M1



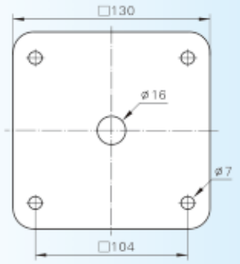
M2



M3



M4



Type of Handle

Type	Color	Specification of Plate M0	M1	M2	M3	M4	Type	Color	Specification of Plate M0	M1	M2	M3	M4
R type 	Black		●	●	●		I type 	Black	●	●	●	●	●
	Red			○	○			Red		○	○		
	White							White					
	Grey							Grey					
	Yellow							Yellow		○			
R2 type 	Black		●	●			B type 	Black		●	●		
	Red							Red		○			
	White							White			○		
	Grey							Grey					
F type 	Black	●	●	●			L type 	Black			●		
	Red							Red					
	White							White					
	Grey							Grey					
H type 	Black			●			O type 	Black			●		
	Red							Red					
	White							White					
	Grey							Grey					
P type 	Black			●	●	●	K type 	Black			●	●	
	Red							Red					
	White							White					
	Grey							Grey					

Re: ● Standard ○ Optional

Specification	Specification of Plate M0	M1	M1B	M2	M2B	M3	M4	Type of Handle R	R2	F	I	B	H	L	O	P	K	Rotating Angle 30°	45°	60°	90°	Max Layer 12	10	8	6
LW26-10	●									●	●							●	●	●	●	●			
LW26-10G	●									●	●							●	●	●	●	●			
LW26-10X	●									●	●							●	●	●	●				●
LW26-20		●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
LW26-20X		●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
LW26-20C				●	●	●		●	●	●	●	●	●	●	●	●	●	●		●	●	●			
LW26-25		●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
LW26-32				●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●			
LW26-32F				●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●				●
LW26-40				●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●			
LW26-40F				●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●				●
LW26-63				●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●				●
LW26-63F				●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●				●
LW26-125						●		●								●	●	●		●	●				●
LW26-160						●		●								●	●	●		●	●				●
LW26-250						●		●								●	●			●	●				●
LW26-315							●				●					●				●	●				●

Re:M1B,M2B plates should be installed by self tapping screw.

Technical parameters

Specification			LW26-10 LW26-10G LW26-10X	LW26-20 LW26-20X LW26-20C	LW26-25	LW26-32 LW26-32F	LW26-40 LW26-40F	LW26-63 LW26-63F	LW26-125	LW26-160	LW26-250	LW26-315
Rated insulation voltage	Ui	V	660/690	660/690	660/690	660/690	660/690	660/690	660/690	660/690	660/690	660/690
Rated thermal current	Ith	A	10	20	25	32	40	63	125	160	250	315
Rated working voltage	Ue	V	240 440	24 110 240 440	24 110 240 440	240 440	240 440	240 440	240 440	240 440	240 440	240 440
Rated working current	Ie											
AC-21A AC-22A		A	10 10	20 20	25 25	32 32		63 63	100 100	150 150		315 315
AC-23A		A	7.5 7.5	15 15	22 22	30 30	37 37	57 57	90 90	135 135	200 200	265 265
AC-2		A	7.5 7.5	15 15	22 22	30 30		57 57	90 90	135 135		265 265
AC-3		A	5.5 5.5	11 11	15 15	22 22	30 30	36 36	75 75	95 95	110 110	110 110
AC-4		A	1.75 1.75	3.5 3.5	6.5 6.5	11 11		15 15	30 30	55 55		95 95
AC-15		A	2.5 1.5	5 4	8 5	14 6						
DC-13		A		12 0.4 0.4	20 0.5 0.5							
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 15/7.5	18.5/9 18.5/9	15/10 30/18.5	30/15 45/22	37/22 75/37		75/37 132/55
AC-2		KW	2.5 3.7	4 7.5	5.5 11	7.5 15		18.5 30	30 45	37 55		55 95
AC-3		KW	1.5 2.2	3/2.2 5.5/3	4/3 7.5/3.7	5.5/4 11/5.5	15/7.5 15/7.5	11/6 18.5/11	15/7.5 30/13	22/11 37/18.5		37/22 55/30
AC-4		KW	0.37 0.55	0.55/0.75 1.5/1.5	1.5/1.1 3/2.2	2.7/1.5 5.5/3		5.5/2.4 7.5/4	6/3 12/5.5	10/4 15/7.5		15/7.5 25/11

Re1: Neutral

Re2: The power under: AC-23A, AC-3,AC-4 are in three phase three poles, and the denominator represents the power under single phase two poles.

Mechanical life

Mechanical life without load: $0.1x10^{6}$ times, operation frequency is 120 times/h

Mechanical life with load: $0.03x10^{6}$ times operation frequency is 120 times/h

Order procedure

When placing an order please specify the contact diagram of the product you require. The Lw26 Series rotary switch have the similar contact diagram as the other rotary switches like LW2D, LW5D, LW6D, LW8D, LW12, LW15, HZ5D and HZ25D. Our factory have published <The General Contact Diagram for Cansen Rotary Switches> Which will help you to specify the contact diagram.

In addition, please specify the current rating, mounting plate, handle type, color and quantity as well.

For instance:

When ordering 20A, rotary angle 60° , character code C, contact diagram code 5391, M1 plate, black R handle 20 unites. The order can be: LW26-20 • 6C5391/2 A11R (M1 R) 20units.

Due to the update of the technologies, we reserve the righting of updating the catalogue without further notices.

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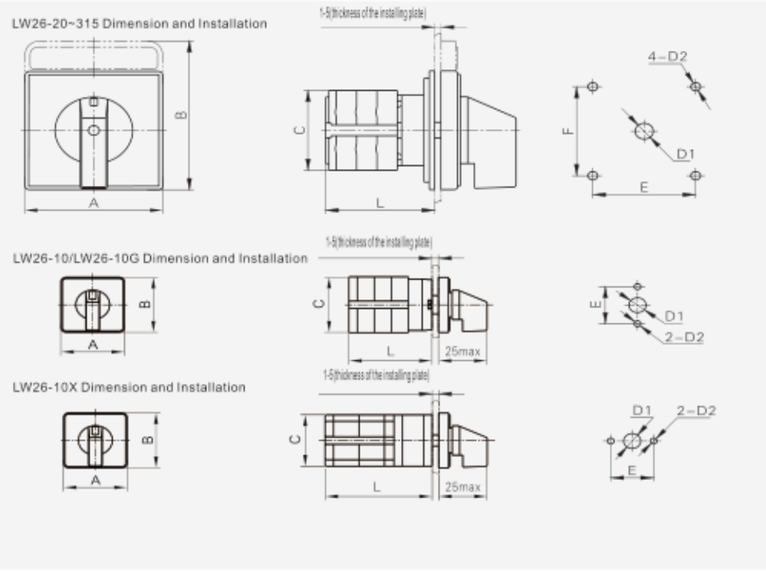
LW26 Series Rotary Switch

Dimensions and installation

Square escutcheon plate and rectangular escutcheon plate



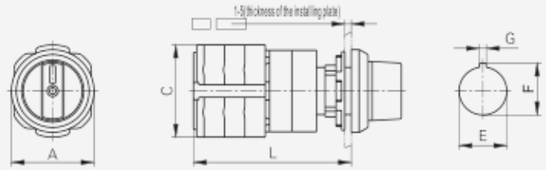
Specification	Escutcheon plate	Dimensions (mm) A	B	C	L	Installation (mm) E	F	D1	D2
LW26-10	M0 square	30	30	30.5	15.5+8n	20		ø8	ø3.2
LW26-10G	M0 square	30	30	30.5	22+8n	20		ø8	ø3.2
LW26-10X	M0 square	30	30	28	26.5+12n	20		ø8	ø3.2
LW26-20	M1 square	48	48	43	22+9.6n	36	36	ø8.5	ø4.5
LW26-20	M1 rectangular	48	60	43	22+9.6n	36	36	ø8.5	ø4.5
LW26-20	M2 square	64	64	43	25+9.6n	48	48	ø10	ø4.5
LW26-20	M2 rectangular	64	80	43	25+9.6n	48	48	ø10	ø4.5
LW26-20C	M2 square	64	64	60	42.5+12.6n	48	48	ø10	ø4.5
LW26-20C	M2 rectangular	64	80	60	42.5+12.6n	48	48	ø10	ø4.5
LW26-20C	M3 square	88	88	60	42.5+12.6n	68	68	ø13	ø6
LW26-20X	M1 square	48	48	42	29+14n	36	36	ø8.5	ø4.5
LW26-20X	M1 rectangular	48	60	42	30+14n	36	36	ø8.5	ø4.5
LW26-20X	M2 square	64	64	42	30+14n	48	48	ø10	ø4.5
LW26-25	M1 square	48	48	45.2	23+12.8n	36	36	ø8.5	ø4.5
LW26-25	M1 rectangular	48	60	45.2	23+12.8n	36	36	ø8.5	ø4.5
LW26-25	M2 square	64	64	45.2	26.5+12.8n	48	48	ø10	ø4.5
LW26-25	M2 rectangular	64	80	45.2	26.5+12.8n	48	48	ø10	ø4.5
LW26-32	M2 square	64	64	58	29.2+12.8n	48	48	ø10	ø4.5
LW26-32	M2 rectangular	64	80	58	29.2+12.8n	48	48	ø10	ø4.5
LW26-32	M3 square	88	88	58	29.2+12.8n	68	68	ø13	ø6
LW26-32F	M1 square	48	48	48	23+14n	36	36	ø8.5	ø4.5
LW26-32F	M1 rectangular	48	60	48	23+14n	36	36	ø8.5	ø4.5
LW26-32F	M2 square	64	64	48	24.5+14n	48	48	ø10	ø4.5
LW26-32F	M2 rectangular	64	80	48	24.5+14n	48	48	ø10	ø4.5
LW26-40	M2 square	64	64	58	29.2+12.8n	48	48	ø10	ø4.5
LW26-40	M2 rectangular	64	80	58	29.2+12.8n	48	48	ø10	ø4.5
LW26-40	M3 square	88	88	58	29.2+12.8n	68	68	ø13	ø6
LW26-40F	M2 square	64	64	64	29+12.8n	48	48	ø10	ø4.5
LW26-40F	M2 rectangular	64	80	64	29+12.8n	48	48	ø10	ø4.5
LW26-40F	M3 square	88	88	64	29+12.8n	68	68	ø13	ø6
LW26-63	M2 square	64	64	66	29.2+21.5n	48	48	ø10	ø4.5
LW26-63	M2 rectangular	64	80	66	29.2+21.5n	48	48	ø10	ø4.5
LW26-63	M3 square	88	88	66	29.2+21.5n	68	68	ø13	ø6
LW26-63F	M2 square	64	64	64	29+12.8n	48	48	ø10	ø4.5
LW26-63F	M2 rectangular	64	80	64	29+12.8n	48	48	ø10	ø4.5
LW26-63F	M3 square	88	88	64	29+12.8n	68	68	ø13	ø6
LW26-125	M3 square	88	88	84	35+26.5n	68	68	ø13	ø6
LW26-160	M3 square	88	88	88	35+32.5n	68	68	ø13	ø6
LW26-250	M3 square	88	88	108	35.5+36n	68	68	ø13	ø6
LW26-315	M4 square	130	130	126	39.5+38.5n	104	104	ø16	ø7

Re: n for number of layers

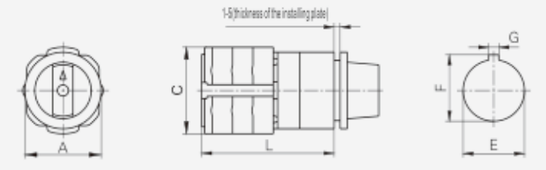
LW26 Series Rotary Switch

Special type and optional extras

Single hole installation (LW26-▭▭ · C55)

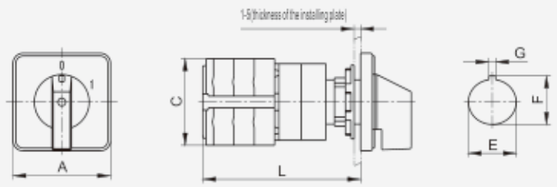


Specification	Dimensions (mm)			Installation (mm)			Type of handle		
	A	C	L	E	F	G	I	B	F
LW26-10	ø29	28	35+8n	ø16.2	18	1.9	●		●
LW26-10G	ø29	28	39+8n	ø16.2	18	1.9	●		●
LW26-10X	ø29	28	39+12n	ø16.2	18	1.9	●		●
LW26-20	ø39	43	42+9.6n	ø22.3	24.1	3.2	●	●	●
LW26-20	ø39	43	42+9.6n	ø30.5	33	4.8	●	●	●
LW26-20X	ø39	42	50+14n	ø22.3	24.1	3.2	●	●	●
LW26-20X	ø39	42	50+14n	ø30.5	33	4.8	●	●	●
LW26-25	ø39	45.2	42+12.8n	ø22.3	24.1	3.2	●	●	●
LW26-25	ø39	45.2	42+12.8n	ø30.5	33	4.8	●	●	●
LW26-32F	ø39	48	42+14n	ø22.3	24.1	3.2	●	●	●
LW26-32F	ø39	48	42+14n	ø30.5	33	4.8	●	●	●



Specification	Dimensions (mm)			Installation (mm)		
	A	C	L	E	F	G
LW26-20	ø39	43	35+9.6n	ø30.5	33	4.8
LW26-20X	ø39	42	42+14n	ø30.5	33	4.8
LW26-25	ø39	45.2	35+12.8n	ø30.5	33	4.8
LW26-32F	ø39	48	35+14n	ø30.5	33	4.8
LW26-32F	ø39	48	43+14n	ø30.5	33	4.8

Single hole installation with plate (LW26-▭▭ · C51)



Specification	Escutcheon plate	Dimensions (mm)			Installation (mm)			Type of handle		
		A	C	L	E	F	G	I	B	F
LW26-10	M0 square	□30	28	35+8n	ø16.2	18	1.9	●		●
LW26-10G	M0 square	□30	28	39+8n	ø16.2	18	1.9	●		●
LW26-10X	M0 square	□30	28	39+12n	ø16.2	18	1.9	●		●
LW26-20	M1 square	□48	43	42+9.6n	ø22.3	24.1	3.2	●	●	●
LW26-20	M1 square	□48	43	42+9.6n	ø30.5	33	4.8	●	●	●
LW26-20X	M1 square	□48	48	50+14n	ø22.3	24.1	3.2	●	●	●
LW26-20X	M1 square	□48	48	50+14n	ø30.5	33	4.8	●	●	●
LW26-25	M1 square	□48	45.2	42+12.8n	ø22.3	24.1	3.2	●	●	●
LW26-25	M1 square	□48	45.2	42+12.8n	ø30.5	33	4.8	●	●	●
LW26-32F	M1 square	□48	48	42+14n	ø22.3	24.1	3.2	●	●	●
LW26-32F	M1 square	□48	48	42+14n	ø30.5	33	4.8	●	●	●

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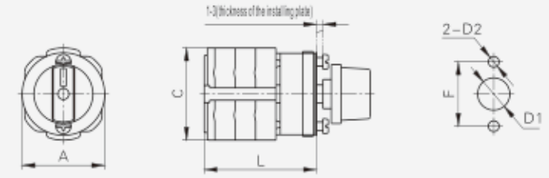
LW26 Series Rotary Switch

Special type and optional extras

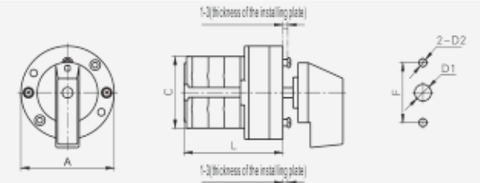
Double hole installation (LW26-▭▭ · G85)



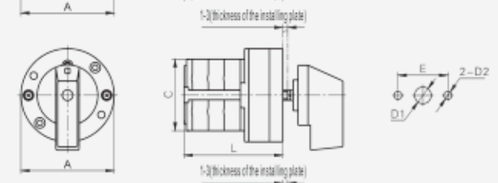
Specification	Dimensions (mm)			Installation (mm)		
	A	C	L	F	D1	D2
LW26-20	39	43	24+9.6n	30	ø15	ø5
LW26-20X	39	42	32+14n	30	ø15	ø5
LW26-25	39	45.2	25+12.8n	30	ø15	ø5
LW26-32F	39	48	25+14n	30	ø15	ø5

Embedded nut installation (LW26-▭▭ · J88) Re: Buyer should mention the installation needed

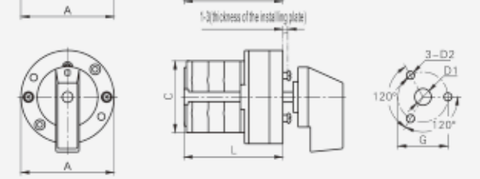
Installation 1



Installation 2



Installation 3



Description	Dimensions (mm)			Installation (mm)				
	A	C	L	E	F	G	D1	D2
LW26-20	ø56	43	31+9.6n	30	36	ø30	ø10	ø4.5
LW26-20C	ø60	60	30+12.6n	30	36	ø30	ø10	ø4.5
LW26-20X	ø56	66	39+14n	30	36	ø30	ø10	ø4.5
LW26-25	ø56	45.2	32+12.8n	30	36	ø30	ø10	ø4.5
LW26-32	ø56	58	30+12.8n	30	36	ø30	ø10	ø4.5
LW26-32F	ø56	48	32+14n	30	36	ø30	ø10	ø4.5
LW26-63	ø56	66	30+21.5n	30	36	ø30	ø10	ø4.5

63A binding screw

Cross-section of conductor 6mm²-16mm²

Type 1: Screw for hard wire

Specification of screw: M6

Type 2: Screw for terminal block

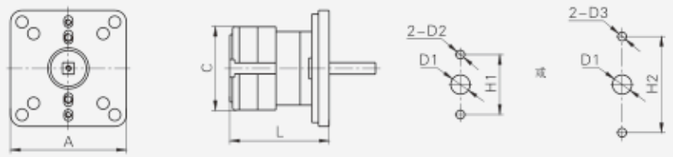
Cross-section of conductor 6mm²-16mm²

Type 3: Screw for soft wire

LW26 Series Rotary Switch

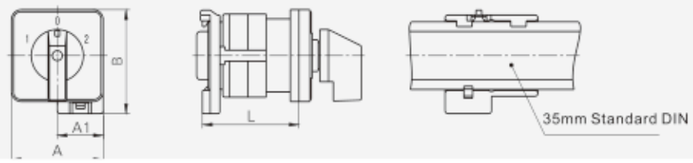
Special type and optional extras

Double hole installation with distance can be fine-adjustment (LW26-□□ · L82)



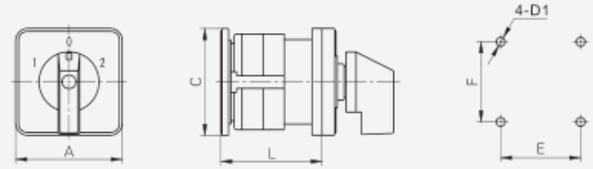
Specification	Dimensions (mm)			Installation (mm)				
	A	C	L	H1	H2	D1	D2	D3
LW26-20	□60	43	26+9.6n	30~36	47~50	ø10	ø3.5	ø4.5
LW26-20c	□60	60	31+12.6n	30~36	47~50	ø10	ø3.5	ø4.5
LW26-20X	□60	66	34+14n	30~36	47~50	ø10	ø3.5	ø4.5
LW26-25	□60	45.2	27+12.8n	30~36	47~50	ø10	ø3.5	ø4.5
LW26-32F	□60	48	27+14n	30~36	47~50	ø10	ø3.5	ø4.5
LW26-32	□60	58	31+12.8n	30~36	47~50	ø10	ø3.5	ø4.5
LW26-63	□60	66	31+21.5n	30~36	47~50	ø10	ø3.5	ø4.5

DIN-rail installation (LW26-□□ · D11)



Specification	Dimensions (mm)				Installation (mm)
	A	A1	B	L	
LW26-20	□48	24	54	31+9.6n	35mm Standard DIN
LW26-20X	□48	24	54	31+14n	35mm Standard DIN
LW26-25	□48	24	54	32+12.8n	35mm Standard DIN
LW26-32F	□48	24	54	32+14n	35mm Standard DIN
LW26-32	□64	35	60	40+12.8n	35mm Standard DIN
LW26-40	□64	35	60	40+12.8n	35mm Standard DIN
LW26-40F	□64	35	60	40+12.8n	35mm Standard DIN
LW26-63	□64	35	60	40+21.5n	35mm Standard DIN
LW26-63F	□64	35	60	40+12.8n	35mm Standard DIN
LW26-125	□88	35	60	51+26.5n	35mm Standard DIN
LW26-160	□88	35	60	51+32.5n	35mm Standard DIN

Base installation (LW26-□□ · B11)



Specification	Dimensions (mm)			Installation (mm)		
	A	C	L	E	F	D1
LW26-20	□48	48	26.5+9.6n	36	36	ø4.5
LW26-20C	□64	64	35+12.6n	48	48	ø4.5
LW26-20X	□48	48	34.5+14n	36	36	ø4.5
LW26-25	□48	48	27.5+12.8n	36	36	ø4.5
LW26-32	□64	64	33+12.8n	48	48	ø4.5
LW26-32F	□48	64	27.5+14n	48	48	ø4.5
LW26-40	□64	64	33+12.8n	48	48	ø4.5
LW26-40F	□64	64	33+12.8n	48	48	ø4.5
LW26-63	□64	64	33+21.5n	48	48	ø4.5
LW26-63F	□64	64	33+12.8n	48	48	ø4.5
LW26-125	□88	88	42+26.5n	64	64	ø6
LW26-160	□88	88	42+32n	64	64	ø6

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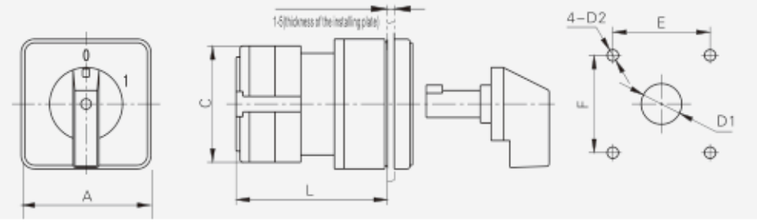
LW26 Series Rotary Switch

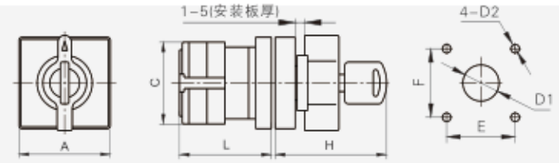
Special type and optional extras

Q type (LW26-□□ · A11)



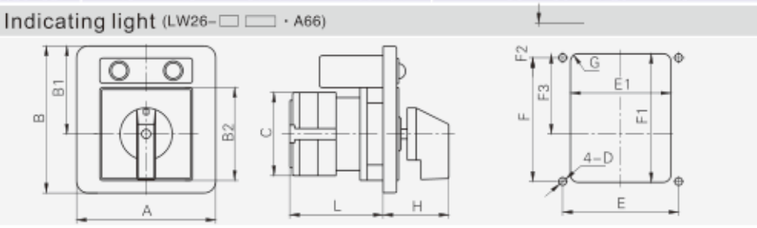
Specification	Escutcheon plate	Dimensions (mm)			Installation (mm)			
		A	C	L	E	F	D1	D2
LW26-20	M1 square	48	43	38+9.6n	36	36	ø15	ø4.2
LW26-20X	M1 square	48	42	46+14n	36	36	ø15	ø4.2
LW26-25	M1 square	48	45.2	39+12.8n	36	36	ø15	ø4.2
LW26-32F	M1 square	48	48	39+14n	36	36	ø15	ø4.2

Indicating light not keylock (LW26-□□ · A99S5)



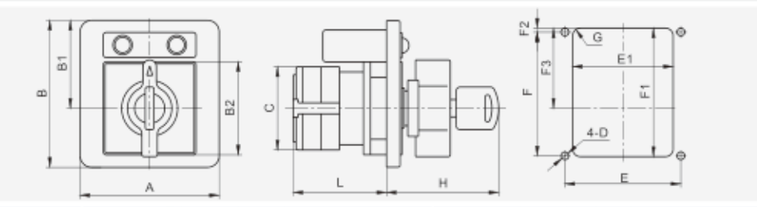
Specification	Dimensions (mm)				Installation (mm)			
	A	C	L	H	E	F	D1	D2
LW26-20	48	43	30+9.6n	58max	36	36	ø20	ø4.5
LW26-20X	48	42	37+14n	58max	36	36	ø20	ø4.5
LW26-25	48	45.2	31+12.8n	58max	36	36	ø20	ø4.5
LW26-32F	48	48	31+14n	58max	36	36	ø20	ø4.5

Indicating light (LW26-□□ · A66)



Specification	Dimensions (mm)							Installation (mm)							
	A	B	B1	B2	C	L	H	E	E1	F	F1	F2	F3	D	G
LW26-20	72	76	45.5	48	43	26+9.6n	34max	60	52	64	66.5	2	41.5	ø4	R4
LW26-20X	72	76	45.5	48	42	34+14n	34max	60	52	64	66.5	2	41.5	ø4	R4
LW26-25	72	76	45.5	48	45.2	26+12.8n	34max	60	52	64	66.5	2	41.5	ø4	R4
LW26-32F	72	76	45.5	48	48	26+14n	34max	60	52	64	66.5	2	41.5	ø4	R4

Indicating light with keylock (LW26-□□ · A66S1)



Specification	Dimensions (mm)							Installation (mm)							
	A	B	B1	B2	C	L	H	E	E1	F	F1	F2	F3	D	G
LW26-20	72	76	45.5	48	43	26+9.6n	58max	60	52	64	66.5	2	41.5	ø4	R4
LW26-20X	72	76	45.5	48	42	34+14n	58max	60	52	64	66.5	2	41.5	ø4	R4
LW26-25	72	76	45.5	48	45.2	26+12.8n	58max	60	52	64	66.5	2	41.5	ø4	R4
LW26-32F	72	76	45.5	48	48	26+14n	58max	60	52	64	66.5	2	41.5	ø4	R4

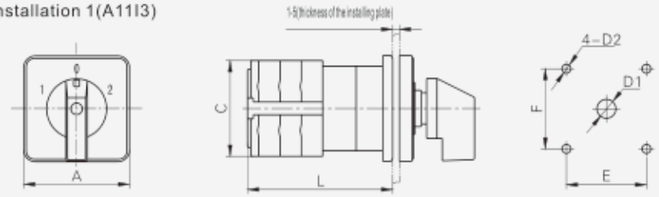
LW26 Series Rotary Switch

Special type and optional extras

Quick Switch (LW26-□□ · A11I3)

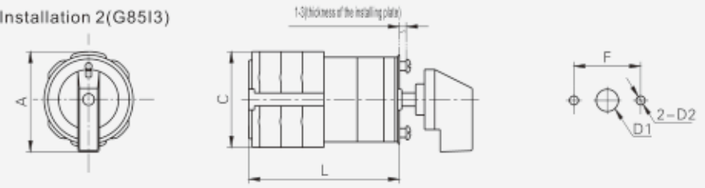
Quick Switch will store up energy by quick conversion mechanism, it will realize the quick conversion when energise flashily. The process is unacted on the operation of the personnal, fast, stable and reliable, good for load circuit and direct-current circuit. The convert angle can be 60° or 90° .

Installation 1(A11I3)



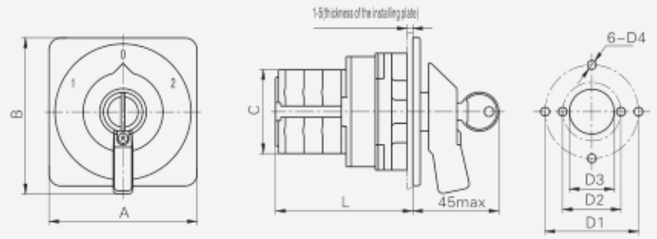
Specification	Escutcheon plate	Dimensions (mm)			Installation (mm)			
		A	C	L	E	F	D1	D2
LW26-20	M1 square	48	43	37+9.6n	36	36	ø8.5	ø4.5
LW26-20	M2 square	64	43	38+9.6n	48	48	ø10	ø4.5
LW26-20X	M1 square	48	42	45+14n	36	36	ø8.5	ø4.5
LW26-20X	M2 square	64	42	46+14n	48	48	ø10	ø4.5
LW26-25	M1 square	48	45.2	38+12.8n	36	36	ø8.5	ø4.5
LW26-25	M2 square	64	45.2	39+12.8n	48	48	ø10	ø4.5
LW26-32F	M1 square	48	48	38+14n	36	36	ø8.5	ø4.5
LW26-32F	M2 square	64	48	39+14n	48	48	ø10	ø4.5

Installation 2(G85I3)



Specification	Dimensions (mm)			Installation (mm)		
	A	C	L	F	D1	D2
LW26-20	45	43	39+9.6n	30	ø10	ø4.5
LW26-20X	45	42	47+14n	30	ø10	ø4.5
LW26-25	46	45.2	31+12.8n	30	ø10	ø4.5
LW26-32F	48	48	31+14n	30	ø10	ø4.5

LS Type (LW26-□□ · A12LS)



Specification	Dimensions (mm)				Installation (mm)			
	A	B	C	L	D1	D2	D3	D4
LW26-20	76	80	43	31+9.6n	ø48	ø30	ø23	ø4.5
LW26-20X	76	80	42	39+14n	ø48	ø30	ø23	ø4.5
LW26-25	76	80	45.2	32+12.8n	ø48	ø30	ø23	ø4.5
LW26-32	76	80	58	30+12.8n	ø48	ø30	ø23	ø4.5
LW26-32F	76	80	48	32+14n	ø48	ø30	ø23	ø4.5
LW26-63	76	80	66	30+21.5n	ø48	ø30	ø23	ø4.5

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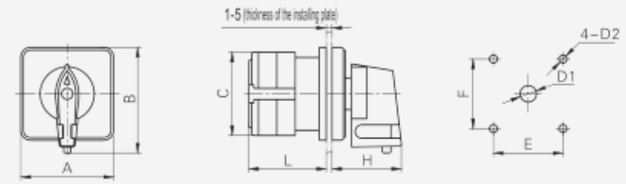
LW26 Series Rotary Switch

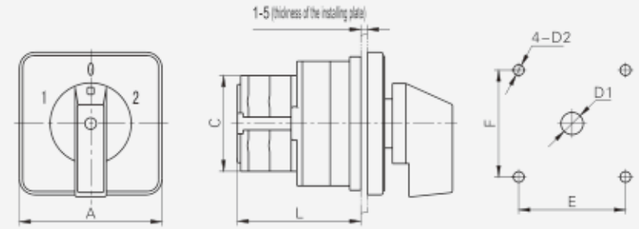
Special type and optional extras

Single lock (LW26-□□ · A11DS)



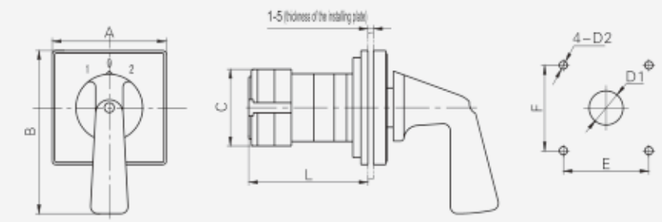
Specification	Dimensions (mm)					Installation (mm)			
	A	B	C	L	H	E	F	D1	D2
LW26-20	□48	55	43	22+9.6n	36max	36	36	ø8.5	ø4.5
LW26-20X	□48	55	42	30+14n	36max	36	36	ø8.5	ø4.5
LW26-25	□48	55	45.2	25+12.8n	36max	36	36	ø8.5	ø4.5
LW26-32F	□48	55	48	23+14n	36max	36	36	ø8.5	ø4.5

Limit strengthed (LW26-□□ · A12I7)



Specification	Dimensions (mm)			Installation (mm)			
	A	C	L	E	F	D1	D2
LW26-20	□64	43	36+9.6n	48	48	ø10	ø4.5
LW26-20c	□64	60	36+12.6n	48	48	ø10	ø4.5
LW26-20X	□64	66	44+14n	48	48	ø10	ø4.5
LW26-25	□64	45.2	37.5+12.8n	48	48	ø10	ø4.5
LW26-32	□64	58	36+12.8n	48	48	ø10	ø4.5
LW26-32F	□64	48	37.5+14n	48	48	ø10	ø4.5
LW26-63	□64	66	36+21.5n	48	48	ø10	ø4.5

Put out type (LW26-□□ · A32P1)

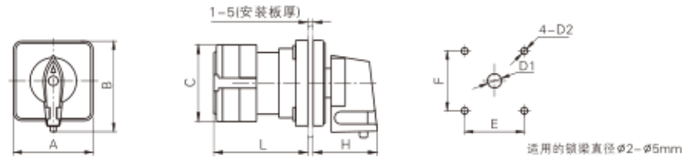


Specification	Dimensions (mm)				Installation (mm)			
	A	B	C	L	E	F	D1	D2
LW26-20	64	91.5	43	48+9.6n	48	48	ø20	ø4.5
LW26-20X	64	91.5	42	51+14n	48	48	ø20	ø4.5
LW26-25	64	91.5	45.2	49+12.8n	48	48	ø20	ø4.5
LW26-32F	64	91.5	48	49+14n	48	48	ø20	ø4.5

LW26 Series Rotary Switch

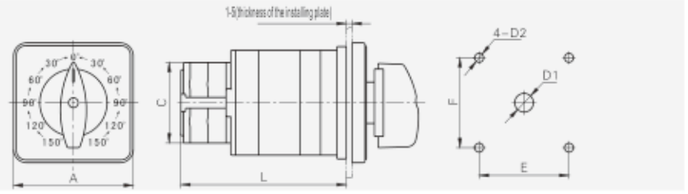
Special type and optional extras

(LW26-□□ · A31SAKB)



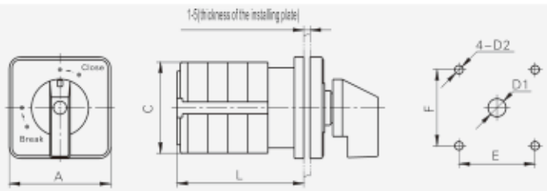
Specification	Dimensions (mm)					Installation (mm)			
	A	B	C	L	H	E	F	D1	D2
LW26-20	□48	55	43	35+9.6n	38max	36	36	ø8.5	ø4.5
LW26-25	□48	55	45.2	36+12.8n	38max	36	36	ø8.5	ø4.5
LW26-32F	□48	55	48	36+14n	38max	36	36	ø8.5	ø4.5

Wilde-angle selfreset (LW26-□□ · A12L6)



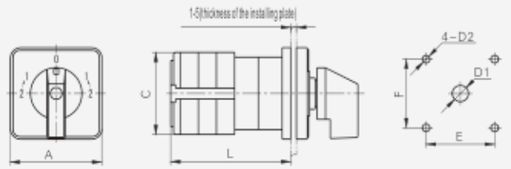
Specification	Dimensions (mm)			Installation (mm)			
	A	C	L	E	F	D1	D2
LW26-20	□64	43	70+9.6n	48	48	ø10	ø4.5
LW26-20c	□64	60	69+12.6n	48	48	ø10	ø4.5
LW26-20X	□64	42	78+14n	48	48	ø10	ø4.5
LW26-25	□64	45.2	71+12.8n	48	48	ø10	ø4.5
LW26-32	□64	58	69+12.8n	48	48	ø10	ø4.5
LW26-32F	□64	48	71+14n	48	48	ø10	ø4.5
LW26-63	□64	66	69+21.5n	48	48	ø10	ø4.5

Selfreset with ratchet positioned (LW26-□□ · A11R8)



Specification	Dimensions (mm)			Installation (mm)				Layers
	A	C	L	E	F	D1	D2	N
LW26-20	□49	43	43.5+9.6n	36	36	ø8.5	ø4.5	1-3
LW26-25	□49	45.2	44.5+12.8n	36	36	ø8.5	ø4.5	1-2
LW26-32F	□49	48	44.5+14n	36	36	ø8.5	ø4.5	1-6

Selfreset with selfreset plate positioned (LW26-□□ · A11R5)



Specification	Dimensions (mm)			Installation (mm)			
	A	C	L	E	F	D1	D2
LW26-20	□48	43	34.5+9.6n	36	36	ø8.5	ø4.5
LW26-20X	□48	42	42+14n	36	36	ø8.5	ø4.5
LW26-25	□48	45.2	35.5+12.8n	36	36	ø8.5	ø4.5

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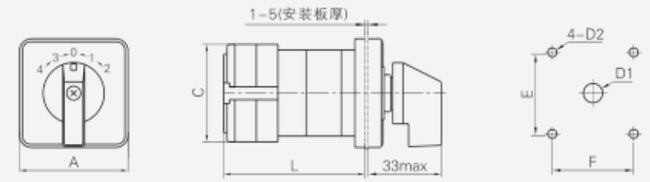
LW26 Series Rotary Switch

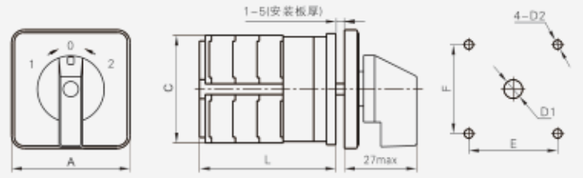
Special type and optional extras

Multi-position selfreset II (LW26-□□ · A11R10)



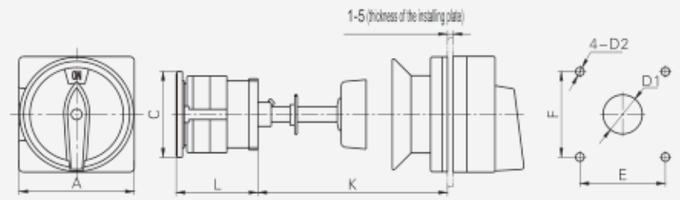
Specification	Dimensions (mm)			Installation (mm)				
	A	C	L	E	F	D1	D2	N
LW26-20	□49	43	31+9.6n	36	36	ø4.5	ø8.5	1-3
LW26-25	□49	45.2	32+12.8n	36	36	ø4.5	ø8.5	1-2
LW26-32F	□49	48	32+14n	36	36	ø4.5	ø8.5	1-6
LW26-20X	□49	42	39+14n	36	36	ø4.5	ø8.5	1-4

Multi-position selfreset III (LW26-□□ · A11R211)



Specification	Dimensions (mm)			Installation (mm)			
	A	C	L	E	F	D1	D2
LW26-32	□64	58	33.5+12.8n	48	48	ø10	ø4.5
LW26-63	□64	66	35+21.5n	48	48	ø10	ø4.5

Door inter-lock (LW26-□□ · K32GS)

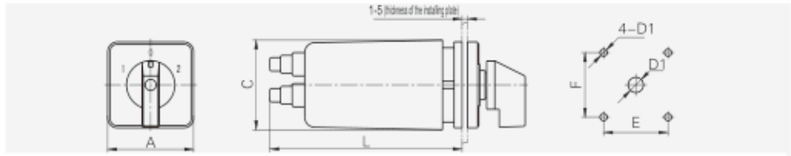


Specification	Dimensions (mm)				Installation (mm)			
	A	C	L	K	E	F	D1	D2
LW26-20	□66	48	27+9.6n	150	36	36	ø22	ø4.5
LW26-20X	□66	64	35+14n	150	48	48	ø22	ø4.5
LW26-25	□66	48	28+12.8n	150	48	48	ø22	ø4.5
LW26-32	□66	64	37.5+12.8n	150	48	48	ø22	ø4.5
LW26-32F	□66	64	28+14n	150	48	48	ø22	ø4.5
LW26-63	□66	64	37.5+21.5n	150	48	48	ø22	ø4.5
LW26-125	□89	68	101+26.5n	150	68	68	ø30	ø6
LW26-160	□89	68	113+32.5n	150	68	68	ø30	ø6

LW26 Series Rotary Switch

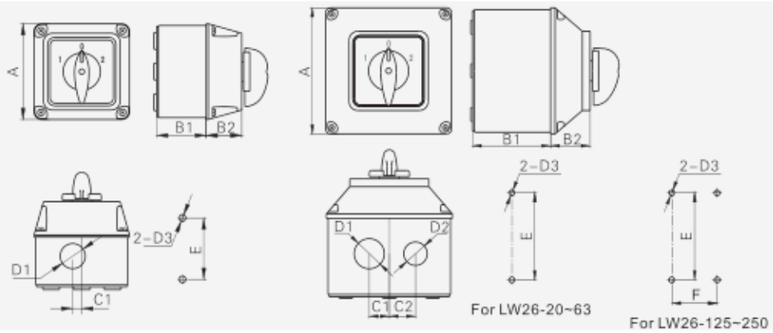
Special type and optional extras

Protective cover (LW26-▭▭·N11I)



Specification	Dimensions (mm)			Installation (mm)				Layers
	A	C	L	E	F	D1	D2	
LW26-20	□48	50	67.5	36	36	ø8.5	ø4.5	1-3
LW26-20	□48	50	96.5	36	36	ø8.5	ø4.5	1-6

Protective box (The levels of protection is IP65)

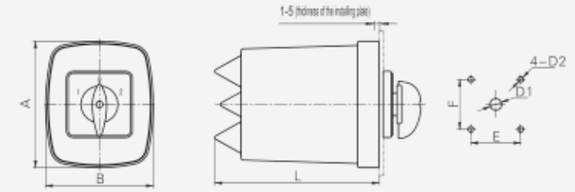


Specification	Dimension(mm)							Installation(mm)			Layers	Remark
	A	B1	B2	C1	C2	D1	D2	D3	E	E		
LW26-20	□68.5	35.5	25.5	6.5		ø18		ø5	44		1-2	
LW26-20	□68.5	45	25.5	6.5		ø18		ø5	44		1-3	
LW26-20	□68.5	35.5	32.5	6.5		ø18		ø5	44		1	single hole
LW26-20	□68.5	45	32.5	6.5		ø18		ø5	44		1-2	single hole
LW26-20	□68.5	55	25.5	6.5		ø18		ø5	44		1-4	
LW26-20	□68.5	55	32.5	6.5		ø18		ø5	44		1-3	single hole
LW26-20	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-7	
LW26-20X	□68.5	35.5	25.5	6.5		ø18		ø5	44		1-2	
LW26-20X	□68.5	45	25.5	6.5		ø18		ø5	44		1-2	
LW26-20X	□68.5	35.5	32.5	6.5		ø18		ø5	44			
LW26-20X	□68.5	45	32.5	6.5		ø18		ø5	44		1	single hole
LW26-20X	□68.5	55	25.5	6.5		ø18		ø5	44		1-3	
LW26-20X	□68.5	55	32.5	6.5		ø18		ø5	44		1-2	single hole
LW26-20X	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-25	□68.5	35.5	25.5	6.5		ø18		ø5	44		1	
LW26-25	□68.5	45	25.5	6.5		ø18		ø5	44		1-2	
LW26-25	□68.5	35.5	32.5	6.5		ø18		ø5	44		1	single hole
LW26-25	□68.5	45	32.5	6.5		ø18		ø5	44		1	single hole
LW26-25	□68.5	55	25.5	6.5		ø18		ø5	44		1-4	
LW26-25	□68.5	55	32.5	6.5		ø18		ø5	44		1-2	single hole
LW26-25	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-5	
LW26-32	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-32	□113	102.5	35.5	18	23.5	ø27	ø21	ø5	78		1-6	
LW26-32F	□68.5	35.5	25.5	6.5		ø18		ø5	44		1	
LW26-32F	□68.5	45	25.5	6.5		ø18		ø5	44		1-2	
LW26-32F	□68.5	35.5	32.5	6.5		ø18		ø5	44		1	single hole
LW26-32F	□68.5	45	32.5	6.5		ø18		ø5	44		1	single hole
LW26-32F	□68.5	55	25.5	6.5		ø18		ø5	44		1-3	
LW26-32F	□68.5	55	32.5	6.5		ø18		ø5	44		1-2	single hole
LW26-32F	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-40	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-40	□113	102.5	35.5	18	23.5	ø27	ø21	ø5	78		1-6	
LW26-40F	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-40F	□113	102.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-63	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-2	
LW26-63	□113	102.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-63F	□113	70.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-63F	□113	102.5	35.5	18	23.5	ø27	ø21	ø5	78		1-4	
LW26-125	□152	148.5	44	22	25	ø32	ø25	ø5	106	48	1-4	
LW26-160	□152	148.5	44	22	25	ø32	ø25	ø5	106	48	1-4	
LW26-250	□152	148.5	44	22	25	ø32	ø25	ø5	106	48	1-3	

LW26 Series Rotary Switch

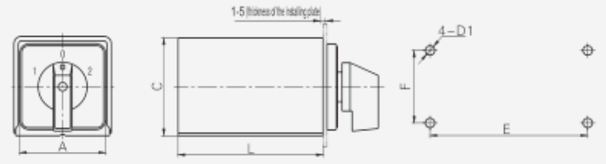
Special type and optional extras

Protective cover (LW26-▭▭·F11R)



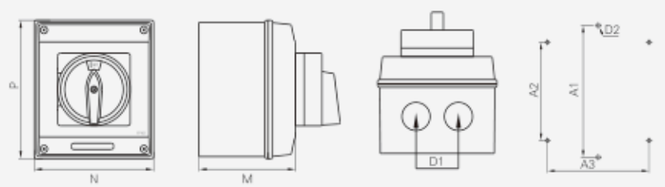
Specification	Dimensions (mm)			Installation (mm)				Layers
	A	B	L	E	F	D1	D2	
LW26-20	91.5	78	195	36	36	ø8.5	ø4.5	1-6
LW26-20X	91.5	78	195	36	36	ø8.5	ø4.5	1-4
LW26-25	91.5	78	195	36	36	ø8.5	ø4.5	1-5
LW26-32F	91.5	78	195	36	36	ø8.5	ø4.5	1-4

Protective iron box (LW26-▭▭·T12I)



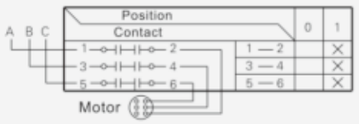
Specification	Dimensions (mm)			Installation (mm)			Layers
	A	C	L	E	F	D1	
LW26-20	□64	74	108	69.5	54	ø7	1-6
LW26-20X	□64	74	108	69.5	54	ø7	1-4
LW26-25	□64	74	108	69.5	54	ø7	1-6
LW26-32	□64	74	108	69.5	54	ø7	1-4
LW26-32F	□64	74	108	69.5	54	ø7	1-4

Thermoplastic sealed box I (The levels of protection is IP65)

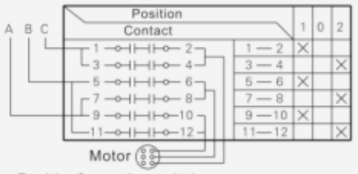


Specification	Dimensions (mm)				Installation (mm)				Remark
	D1	M	N	P	A1	A2	A3	D2	
LW26-20	ø20	70	85	125	118	-	-	ø4.5	1~4 Small
LW26-25	ø20	70	85	125	118	-	-	ø4.5	1~2 Small
LW26-20X	ø20	70	85	125	118	-	-	ø4.5	1~2 Small
LW26-32F	ø20	70	85	125	118	-	-	ø4.5	1~2 Small
LW26-20	ø20	87	107	124	-	88	91	ø4.5	1~5 Medium
LW26-20X	ø20	87	107	124	-	88	91	ø4.5	1~4 Medium
LW26-25	ø20	87	107	124	-	88	91	ø4.5	1~3 Medium
LW26-32F	ø20	87	107	124	-	88	91	ø4.5	1~3 Medium
LW26-32	ø20	87	107	124	-	88	91	ø3.5	1~3 Medium
LW26-63	ø20	87	107	124	-	88	91	ø3.5	1~2 Big
LW26-32	ø25	108	143	203	-	180	124	ø3.5	1~5 Big
LW26-63	ø25	108	143	203	-	180	124	ø3.5	1~3 Big
LW26-125	ø25/ø32	108	143	203	-	180	124	ø5.5	1~2 Big
LW26-160	ø25/ø32	108	143	203	-	180	124	ø5.5	1~2 Big

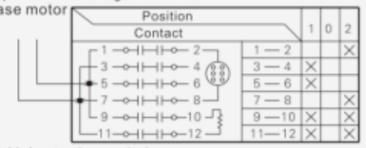
Q type: Start and run of motor



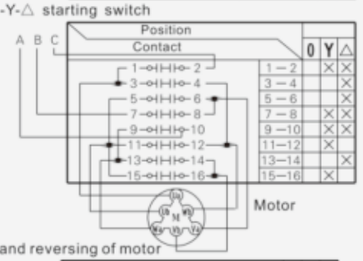
D 0723 type: Start and reversing of motor



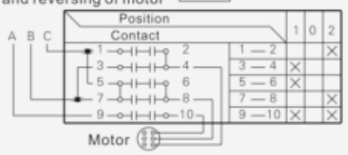
D 404/3-B type:Positive&negative switch of single phase motor

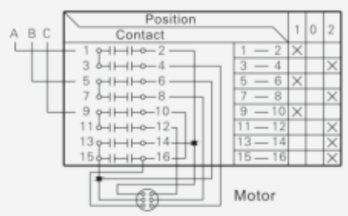


M07 type: 0-Y-△ starting switch

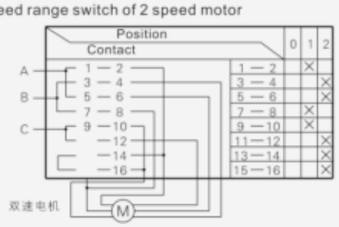


N type: Start and reversing of motor

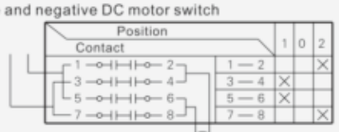




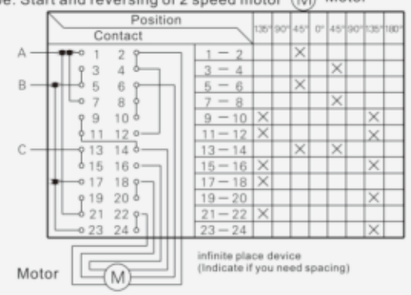
M08 type: Speed range switch of 2 speed motor



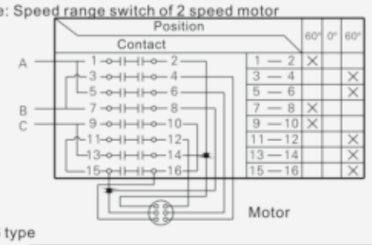
D0401/2DC Positive and negative DC motor switch



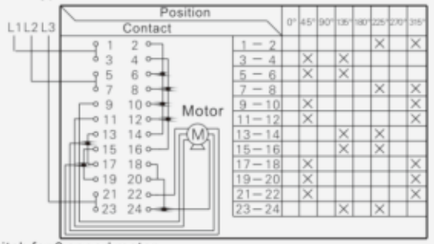
SN type: Start and reversing of 2 speed motor



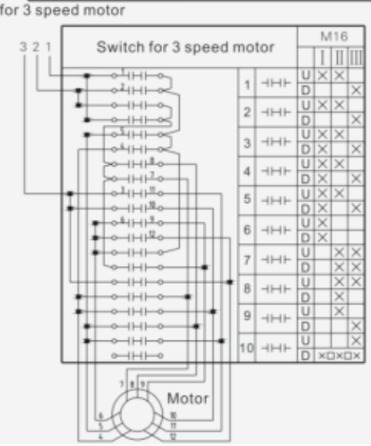
M08T type: Speed range switch of 2 speed motor



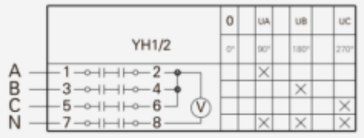
I 7206/6 type



Switch for 3 speed motor

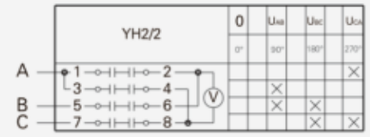


4 position 3 phase Voltmeter with 0 position

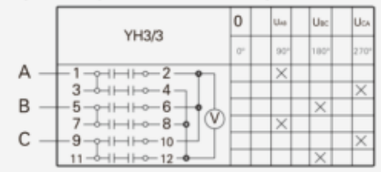


Re:No limit device(same to T6911/2)

4 position 3 phase Voltmeter with 0 position

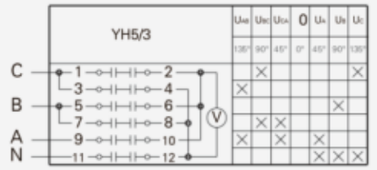


4 position 3 phase Voltmeter with 0 position

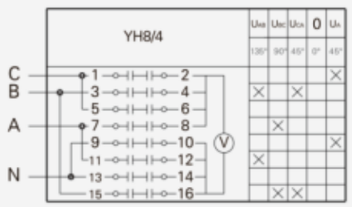


Re:No limit device(same to T6912/3)

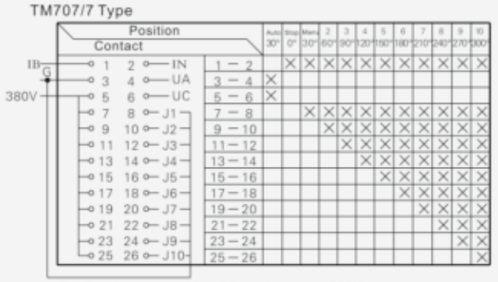
7 position 3 phase Voltmeter with 0 position and null line



4 position 1 phase and 3 phase Voltmeter with 0 position and null line

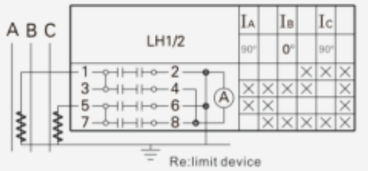


TM707/7 Type



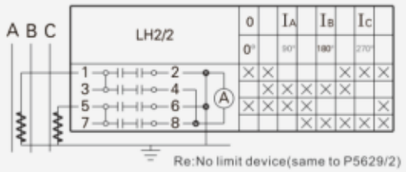
Re: The G connect with null line when using 220V contactor

2 phase Ammeter without 0 position and 3 mutual inductor



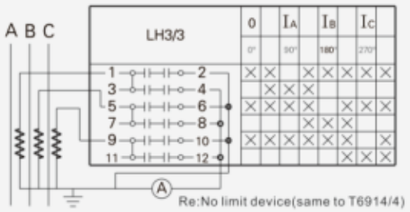
Re:limit device

2 phase Ammeter with 0 position and 3 mutual inductor



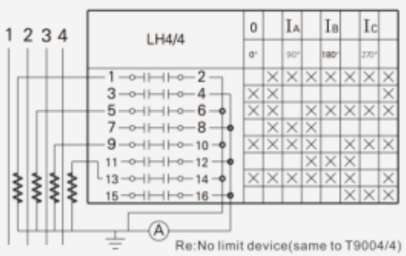
Re:No limit device(same to P5629/2)

3 phase Ammeter with 0 position and 3 mutual inductor



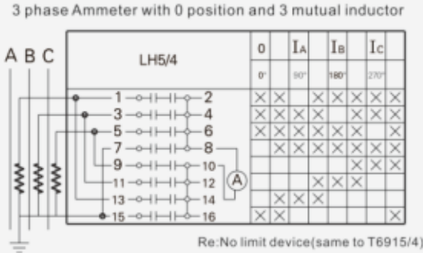
Re:No limit device(same to T6914/4)

4 phase Ammeter with 0 position and 3 mutual inductor



Re:No limit device(same to T9004/4)

3 phase Ammeter with 0 position and 3 mutual inductor



Re:No limit device(same to T6915/4)

LW26-10 Details on page 6


LW26-10G□·A10I


LW26-10□·A10I


LW26-10X□·A10I

32A Finger protection Details on page 6


LW26-32F□·A11I


LW26-32F□·C55I

Single lock Details on page 12


LW26-25□·A11DS

Indicating light Details on page 10


LW26-20□·A66I

Single hole Details on page 7


LW26-10X□·C55F


LW26-10□·C51S1

LS type Details on page 11


LW26-20□·A12LS

Indicating light with keylock Details on page 10


LW26-25□·A66S1

B type handle


LW26-25□·C55B


LW26-20□·C55B

Reinforced limited movement type Details on page 10


LW26-20□·A32I7

Double hole installation Details on page 8


LW26-25□·G88B

Base installation Details on page 9


LW26-25□·B11R

Parallel installation Details on page 9


LW26-20□·D11R

Single hole installation Details on page 7


LW26-10□·A11I10


LW26-10□·C10S1


LW26-10X□·C10I


LW26-20□·C55S1


LW26-25□·C55I


LW26-20□·C11B


LW26-32F□·C11I

Spring return with limited movement Details on page 13


LW26-20□·A11R

Spring return with multiple position Details on page 13


LW26-20□·A11R

Put out type Details on page 12


LW26-20□·A32P1

Rectangle plate Details on page 6


LW26-20□·A21R


LW26-20□·A41I

Multi-position spring return Details on page 13


LW26-63□·A42I


LW26-20c□·A12L6

Q type


LW26-20□·A11I4


LW26-25□·A31I4


LW26-32F□·A11I4

Door inter-lock Details on page 14


LW26-63□·K32GS


LW26-125□·K33I

Special type for DC circuits


LW26-25□·A11R2

Protective cover Details on page 16


LW26-20□·F11R

Protective iron box Details on page 16


LW26-20□·T32I

Protective box Details on page 15

LW26-20□·E31I

LW26-20□·E31GS

LW26-20□·E11S1

LW26-20□·E11DS

LW26-32□·E12R

Embed brass nut installation Details on page 8

LW26-63□·J88I

Double hole flexible installation Details on page 9

LW26-32F□·L82I4

Quick-moving switch Details on page 11

LW26-20□·G85I3

LW26GS Series Pad-lock Type Switch

LW26GS-20/04-1

LW26GS-20X/04-1

LW26GS-25/04-1

LW26GS-20/04-2

LW26GS-20X/04-2

LW26GS-25/04-2

Introduction

LW26GS series Pad-lock type switch are derivatives of LW26 series rotary switch.

Insalled in equipment where it requires a pad-lock to lock the switch in certain position.

For instance, to fix the switch in ON position, to prevent the unauthorized personnel from operation the switch.

LW26GS series Pad-lock type switch complies with the GB 14048.3 and IEC 60947.3.

Classification

(1) The LW26GS switch has 6 current ratings: 20A, 25A, 32A, 63A, 125A and 160A. For 20A and 25A are able to install M1 or M2 plate, and for 32A and 63A are able to install M2 or M3 plate, for 125A and 160A are able to install M3 plate only. The M1 plate is able to put 2 lockers, M2 and M3 are able to put 3 lockers.

Re:-1, -2, -3 represent M1, M2, M3

(2) The LW26GS switch has 2 types:

Common type, black plate black handle

Quick stop type, with quick stop mark, yellow plate and red handle

Technical parameters

Specification		LW26GS-20	LW26GS-25	LW26GS-32 LW26GS-32F	LW26GS-40 LW26GS-40F	LW26GS-63 LW26GS-63F	LW26GS-125	LW26GS-160	LW26GS-250
Rated working voltage	Ue V	440	440	440	440	440	440	440	440
Rated thermal current	Ith A	20	25	32	40	63	125	160	250
Rated working current	Ie A								
AC-21A	A	20	25	32		63	100	150	
AC-22A	A	20	25	32		63	100	150	
AC-23A	A	15	22	30	37	57	90	135	200
Power	P								
AC-23A	kW	7.5	11	15	18.5	30	45	75	

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LW26GS Series Pad-lock Type Switch

LW26GS-32/04-2

LW26GS-63/04-2

LW26GS-32/04-3

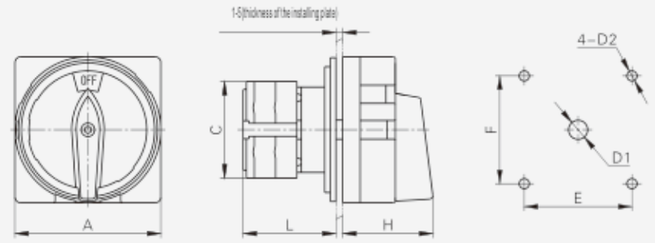
LW26GS-125/04-3

LW26GS-63/04-3

LW26GS-160/04-3

Dimensions and installation

LW26GS-□/□-□



Specification	Escutheon plate	Dimensions (mm)				Installation (mm)			
		A	C	L	H	E	F	D1	D2
LW26GS-20/04-1	M1	□48	43	42	33	36	36	ø 8.5	ø 4.5
LW26GS-20/04-2	M2	□64	43	43	42	48	48	ø 10	ø 4.5
LW26GS-20X/04-1	M1	□48	42	54	33	36	36	ø 8.5	ø 4.5
LW26GS-20X/04-2	M2	□64	42	55	42	48	48	ø 10	ø 4.5
LW26GS-25/04-1	M1	□48	45.2	50	33	36	36	ø 8.5	ø 4.5
LW26GS-25/04-2	M2	□64	45.2	51	42	48	48	ø 10	ø 4.5
LW26GS-32/04-2	M2	□64	58	55	42	48	48	ø 10	ø 4.5
LW26GS-32/04-3	M3	□88	58	55	52	68	68	ø 13	ø 6
LW26GS-40/04-2	M2	□64	58	55	42	48	48	ø 10	ø 4.5
LW26GS-40/04-3	M3	□88	58	55	52	68	68	ø 13	ø 6
LW26GS-40F/04-2	M2	□64	64	55	42	48	48	ø 10	ø 4.5
LW26GS-40F/04-3	M3	□88	64	55	52	68	68	ø 13	ø 6
LW26GS-63/04-2	M2	□64	66	72.5	42	48	48	ø 10	ø 4.5
LW26GS-63/04-3	M3	□88	66	72.5	52	68	68	ø 13	ø 6
LW26GS-63F/04-2	M2	□64	64	55	42	48	48	ø 10	ø 4.5
LW26GS-63F/04-3	M3	□88	64	55	52	68	68	ø 13	ø 6
LW26GS-125/04-3	M3	□88	84	88	52	68	68	ø 13	ø 6
LW26GS-160/04-3	M3	□88	88	100	52	68	68	ø 13	ø 6
LW26GS-250/04-3	M3	□88	108	108	52	68	68	ø 13	ø 6

LW26S Key-lock Type Switch

Introduction

LW26S Key-lock type switch is derivatives of LW26 rotary switch. Installed in equipments, which requires a key to lock the switch. It prevents the unauthorized personnel from mis-operation.

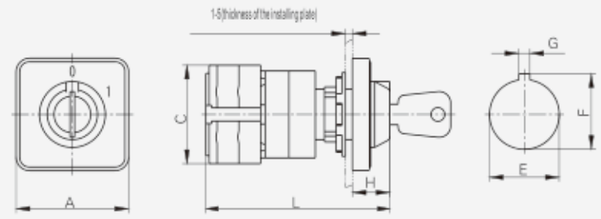
LW26S Key-lock type switch comply with the GB 14048.3 and IEC 60947-3.

Technical parameters

Specification		LW26S-10 LW26S-10X	LW26S-20 LW26S-20X	LW26S-25	LW26S-32	LW26S-63
Rated working voltage	Ue V	440	440	440	440	440
Rated thermal current	Ith A	10	20	25	32	63
Rated working current	Ie A					
AC-21A	A	10	20	25	32	63
AC-22A	A	10	20	25	32	63
AC-23A	A	7	15	22	30	57
Power	P					
AC-23A	kW	3	7.5	11	15	30

Dimensions and installation

LW26S S1



Specification	Dimensions (mm)				Installation (mm)		
	A	C	H	L	E	F	G
LW26S-10	□30	30	8.5	60	ø 16.2	18	1.9
LW26S-10X	□30	28	8.5	71.5	ø 16.2	18	1.9
LW26S-20	□48	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	□64	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	□64	43	15.6	76.5	ø 30.5	33	4.8
LW26S-20X	□48	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	□64	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	□64	42	15.6	93.5	ø 30.5	33	4.8
LW26S-25	□48	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	□64	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	□64	45.2	15.6	83	ø 30.5	33	4.8
LW26S-32F	□48	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	□64	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	□64	48	15.6	86.5	ø 30.5	33	4.8

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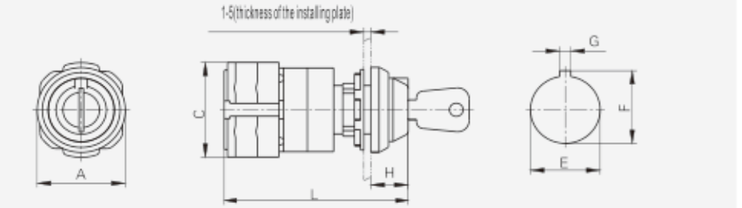
LW26S Key-lock Type Switch

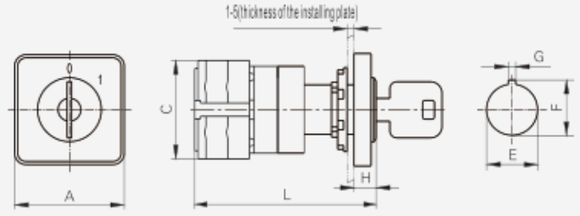
Dimensions and installation

LW26S S1Y



Specification	Dimensions (mm)				Installation (mm)		
	A	C	H	L	E	F	G
LW26S-10	ø 29	30	8.5	60	ø 16.2	18	1.9
LW26S-10X	ø 29	28	8.5	71.5	ø 16.2	18	1.9
LW26S-20	ø 39	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	ø 39	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	ø 39	43	15.6	76.5	ø 30.5	33	4.8
LW26S-20X	ø 39	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	ø 39	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	ø 39	42	15.6	93.5	ø 30.5	33	4.8
LW26S-25	ø 39	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	ø 39	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	ø 39	45.2	15.6	83	ø 30.5	33	4.8
LW26S-32F	ø 39	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	ø 39	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	ø 39	48	15.6	86.5	ø 30.5	33	4.8

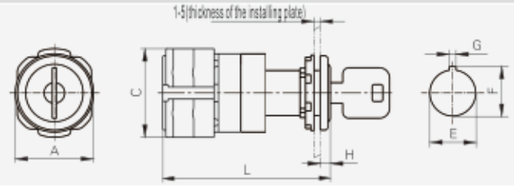
LW26S S4



Specification	Dimensions (mm)				Installation (mm)		
	A	C	H	L	E	F	G
LW26S-20	□48	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	□64	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	□64	43	15.6	76.5	ø 30.5	33	4.8
LW26S-20X	□48	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	□64	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	□64	42	15.6	93.5	ø 30.5	33	4.8
LW26S-25	□48	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	□64	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	□64	45.2	15.6	83	ø 30.5	33	4.8
LW26S-32F	□48	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	□64	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	□64	48	15.6	86.5	ø 30.5	33	4.8

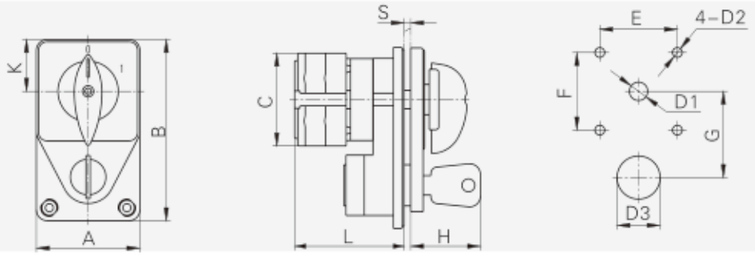
LW26S Key-lock Type Switch

LW26S S4Y



Specification	Dimensions (mm)				Installation (mm)		
	A	C	H	L	E	F	G
LW26S-20	ø 39	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	ø 39	43	15.6	76.5	ø 22.3	24.1	3.2
LW26S-20	ø 39	43	15.6	76.5	ø 30.5	33	4.8
LW26S-20X	ø 39	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	ø 39	42	15.6	93.5	ø 22.3	24.1	3.2
LW26S-20X	ø 39	42	15.6	93.5	ø 30.5	33	4.8
LW26S-25	ø 39	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	ø 39	45.2	15.6	83	ø 22.3	24.1	3.2
LW26S-25	ø 39	45.2	15.6	83	ø 30.5	33	4.8
LW26S-32F	ø 39	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	ø 39	48	15.6	86.5	ø 22.3	24.1	3.2
LW26S-32F	ø 39	48	15.6	86.5	ø 30.5	33	4.8

LW26S S2



Specification	Dimensions (mm)							Installation (mm)					
	A	B	K	C	L	H	S	E	F	G	D1	D2	D3
LW26S-20	48	84	24	43	51.5	32.5	1~4	36	36	40	ø 8.5	ø 4.5	ø 20
LW26S-20X	64	112	32	42	68.5	32.5	1~4	36	36	40	ø 8.5	ø 4.5	ø 20
LW26S-25	48	84	24	45.2	58	32.5	1~4	36	36	40	ø 8.5	ø 4.5	ø 20
LW26S-32	64	112	32	58	72	34	1~6	48	48	48	ø 10	ø 4.5	ø 34
LW26S-32F	48	84	24	48	61.5	32.5	1~4	36	36	40	ø 8.5	ø 4.5	ø 20
LW26S-63	64	112	32	66	79	34	1~6	48	48	48	ø 10	ø 4.5	ø 34

LW26S S3

Specification	Dimensions (mm)					Installation (mm)					
	A	B	K	C	L	H	E	F	G	D1	D2	D3
LW26S-20	64	126.5	32	43	51.5	34	48	48	48	ø 10	ø 4.5	ø 34
LW26S-20X	64	126.5	32	42	68.5	34	48	48	48	ø 10	ø 4.5	ø 34
LW26S-25	64	126.5	32	45.2	58	34	48	48	48	ø 10	ø 4.5	ø 34
LW26S-32	64	126.5	32	58	72	34	48	48	48	ø 10	ø 4.5	ø 34
LW26S-32F	64	126.5	32	48	61.5	34	48	48	48	ø 10	ø 4.5	ø 34
LW26S-63	64	126.5	32	66	79	34	48	48	48	ø 10	ø 4.5	ø 34

LW30 Series Rotary Switch

LW30-20

LW30-25、32

LW30-40、63

Introduction

LW30 series rotary switch applied to circuits of AC 50Hz with working voltage up to 440V and rated working current up to 175A.

LW30 is suitable to control: air-conditioner, water pump and ventilating equipments, and AC:motors with small power.

LW30 series rotary switch have six current ratings:20A, 32A, 40A, 63A, 80A, 100A, 125A, 175A.

LW30 series has the finger protection terminals, which offers an extra advantage.

LW30 series switch has larger insulation distance, quick disconnecting response. And is a good choice for DC circuits. LW30 has additional contact which enable us to install the contactseparetely.

LW30 series rotary switch comply with: GB/T 14048.3, and IEC 60947-3.

Working conditions

(1) Ambient temperature DO NOT exceed 40℃, and the average temperature, measured over a period of 24 hours, DO NOT exceed 35℃.

(2) Ambient temperature should not be below -25℃

(3) Should not be installed above 2000m above sea level.

(4) The humidity should not exceed 50% when the ambient temperature is 40℃ and higher humidity is allowed for lower temperature.

Installation conditions

(1) A clean environment is required

(2) Please follow our manual

Classification

1. Classified by utilization

(1) AC-23A

(2) AC-3

2. Classified by protective leve

(1) Without plastic box: IP2L0

(2) With plastic box: IP65

LW30 Series Rotary Switch

LW30-80、100

LW30-125、175

Introduction

Designation

LW 30 – □/□ □ □ □ □ □

- Type of box
- Way of installation
- Earthing Terminal
- Neutral Terminal
- Additional contacts
- Number of poles
- Rated thermal current
- Product code
- Rotary switch (Cam switch)

Accessorial code

Number of poles: 3P, 4P

Additional contacts: 0 for additional contacts not inclosed, 1 for with additional contacts.

Neutral terminal: 0 for neutral terminal not inclosed, 1 for with neutral terminal

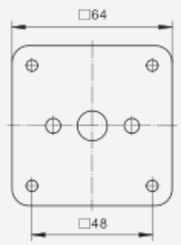
Earthing terminal: 0 for earthing terminal not inclosed, 1 for with earthing terminal

Way of Installation

1. Escutcheon plate installation with pad-lock
2. Escutcheon plate installation
3. Single pad-lock DIN-rail installation
4. Doorlock base installation with pad-lock system
5. Single hole installation

Type of box: 0 not inclosed, 1 inclosed

Escutheon plate



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LW30 Series Rotary Switch

Designation

Type of handle

R Type

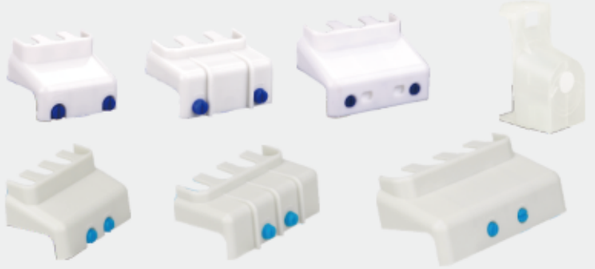
I Type

K Type

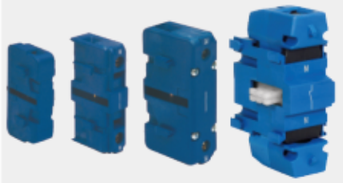
Accessories

Single pad-lock | Multi-pad-lock | Plastic box

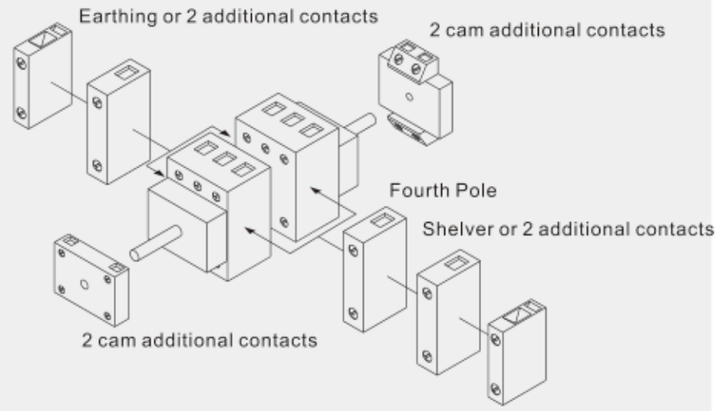
Cover



Auxiliary contact & Optional accessories



AC15 220~240V 6A/380~440V 4A



Technical parameters

Description		LW30-20	LW30-25	LW30-32	LW30-40	LW30-63	LW30-80	LW30-100	LW30-125	LW30-175
Rated thermal current	Ith A	20	25	32	40	63	80	100	125	175
Rated working voltage	Ue V	240 440	240 440	240 440	240 440	240 440	240 440	240 440	240 440	240 440
Rated working current	Ie/Pe									
AC-21A	AKW	20/– 20/–	20/– 20/–	32/– 32/–	40/– 40/–	63/– 63/–	80/– 80/–	100/– 100/–	125/– 125/–	175/– 175/–
AC-22A	AKW	20/– 20/–	20/– 20/–	32/– 32/–	40/– 40/–	63/– 63/–	80/– 80/–	100/– 100/–	125/– 125/–	175/– 175/–
AC-23A	AKW	11/3 11/5.5	15/4 15/7.5	22/5.5 22/11	30/7.5 30/15	43/11 43/22	57/18.5 57/30	70/22 70/37	90/30 90/45	110/30 110/55
AC-3	AKW	7.5/2.2 7.5/3.7	11.7/3 11.7/5.5	15/4 15/7.5	22/7.5 22/11	36/11 36/18.5	43/15 43/22	57/18.5 57/30	70/22 70/37	90/30 90/45

Type of current

Alternating current 50Hz

Positions of Main contact

ON OR OFF

Rated duty

8 hours everyday, operational efficiency 30times/ hour

Electrical endurance

AC-23: 10000times, AC-3:6000times, Auxiliary contact: 2000times.

Order Procedurer

When you order our LW30 series, we need your data as following:

1. Rated working current, for example: LW30-20;

2. Accessorial code, please write it orderly

(1) Number of poles, for example:3P;

(2) Do you need additional contacts: 0 not inclosed, 1 inclosed;

(3) Do you need neutral terminal: 0 not inclosed, 1 inclosed;

(4) Do you need earthing terminal: 0 not inclosed, 1 inclosed;

(5) Way of installation:

1 Escutcheon plate with pad-lock

2 Escutcheon plate

3 Single lock DIN-rail installation

4 Doorlock foot installation with pad-lock system

5 Single hole installation

3. Other accessorial code, please write it orderly:

(1) Type of Escutcheon plate: 1 Escutcheon plate;

2 Denote 22.5 hole;

3 Denote 25 hole;

4 Denote 30.5 hole.

(2) Do you need Escutcheon plate with airproof:

0 not inclosed, 1 inclosed.

(3) Color of bottom plate: 1 Denote silver color:

2 Denote yellow; 3 Make it against your color

(4) Character letter: 1 denote letter; 2Chinese letter;

Special sign

(5) Code of handle: R or K or I

For example:

If you order 40A/3P with additional contacts and earthing terminal and Escutcheon plate without neutral terminal and plastic box.

You must write: LW30-40/310120

If you want to order 32A/3 with Doorlock base installation, you must write:LW30-32/30040.

If you want to order 40A/3 with adding contacts, earthing terminal, Escutcheon plate, plate with airproof, yellow, Chinese letter, K handle; without neutral terminal and plastic box. You must write: LW30-40/310120.1123K.

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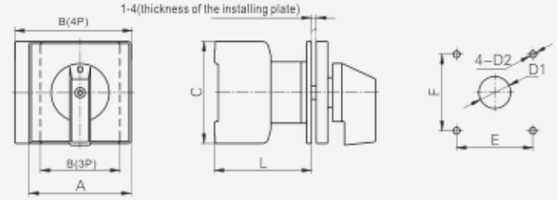
LW30 Series Rotary Switch

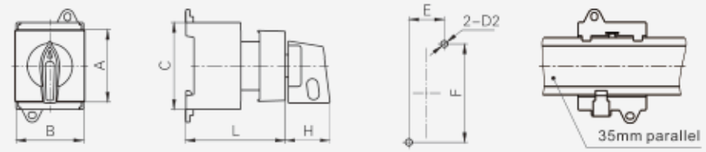
Dimensions and installation

Escutcheon plate installation



Specification	Dimensions (mm)					Installation (mm)			
	A	B(3P)	B(4P)	C	L	E	F	D1	D2
LW30-20	□48	48	–	50	47	36	36	ø8	ø4.2
LW30-20	□64	48	–	50	49	48	48	ø10	ø4.2
LW30-25	□64	42	55.5	54	61	48	48	ø10	ø4.2
LW30-32	□64	42	55.5	54	61	48	48	ø10	ø4.2
LW30-40	□64	50	66	64	67	48	48	ø10	ø4.2
LW30-63	□64	50	66	64	67	48	48	ø10	ø4.2
LW30-80	□64	70	92.5	80	82	48	48	ø10	ø4.2
LW30-100	□64	70	92.5	80	82	48	48	ø10	ø4.2
LW30-125	□88	112.5	150.5	108	96.5	68	68	ø15	ø6
LW30-175	□88	112.5	150.5	108	96.5	68	68	ø15	ø6

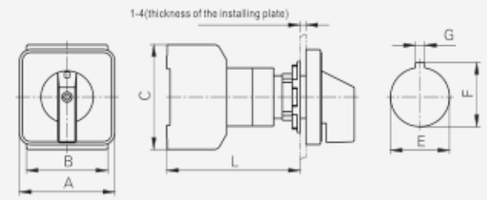
Base installation



Specification	Dimensions (mm)						Installation (mm)		
	A	B(3P)	B(4P)	C	L	H	E	F	D2
LW30-25	□45	42	55.5	54	62	26	22	60	ø4.2
LW30-32	□45	42	55.5	54	62	26	22	60	ø4.2

Re:Product can be installed in 35mm parallel.

Single hole installation

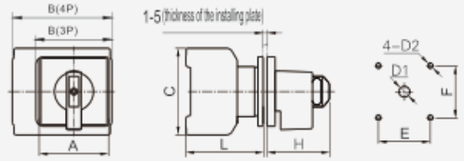


Specification	Dimensions (mm)				Installation (mm)		
	A	B	C	L	E	F	G
LW30-20	□49	42	54	69	ø22.3	24.1	3.2
LW30-20	□64	42	54	69	ø22.3	24.1	3.2
LW30-25	□49	42	54	69	ø22.3	24.1	3.2
LW30-25	□64	42	54	69	ø22.3	24.1	3.2
LW30-32	□49	42	54	69	ø22.3	24.1	3.2
LW30-32	□64	42	54	69	ø22.3	24.1	3.2

LW30 Series Rotary Switch

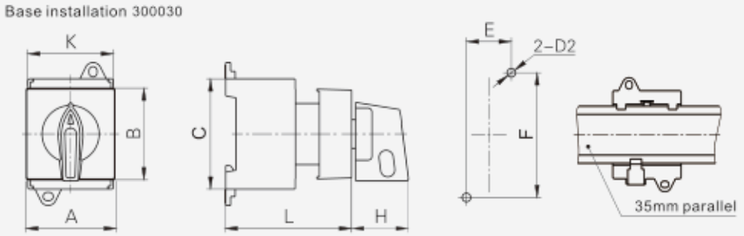
Dimensions and installation

Base installation



Specification	Dimensions (mm)						Installation (mm)			
	A	B(3P)	B(4P)	C	L	H	E	F	D1	D2
LW30-20	□48	48	48	50	47	51	36	36	ø8	ø4.2
LW30-20	□64	48	48	50	49	58	48	48	ø10	ø4.2
LW30-25	□64	42	56	54	61	58	48	48	ø10	ø4.2
LW30-32	□64	42	56	54	61	58	48	48	ø10	ø4.2
LW30-40	□64	50	66	61	67	58	48	48	ø10	ø4.2
LW30-63	□64	50	66	61	67	58	48	48	ø10	ø4.2
LW30-80	□64	70	92	72	82	58	48	48	ø10	ø4.2
LW30-80	□88	70	92	73	82	76	68	68	ø15	ø6
LW30-100	□64	70	92	72	82	58	48	48	ø10	ø4.2
LW30-100	□88	70	92	73	82	76	68	68	ø15	ø6
LW30-125	□88	112.5	151	108	96.5	76	68	68	ø15	ø6
LW30-175	□88	112.5	151	108	96.5	76	68	68	ø15	ø6

Base installation



Specification	Dimensions (mm)							Installation (mm)		
	A	B	K(3P)	K(4P)	C	L	H	E	F	D2
LW30-25	45	45	42	56	54	62	26	22	60	ø4.2
LW30-32	45	45	42	56	54	62	26	22	60	ø4.2
LW30-40	53	45	50	66	66.5	62	26	25	70	ø4.2
LW30-63	53	45	50	66	66.5	62	26	25	70	ø4.2
LW30-80	70	45	70	92.5	80	71	35	25	90	ø4.2
LW30-100	70	45	70	92.5	80	71	35	25	90	ø4.2
LW30-125	113	45.5	113	151	108.5	92	58	36	120	ø6.2
LW30-175	113	45.5	113	151	108.5	92	58	36	120	ø6.2

LW30-25A、32A

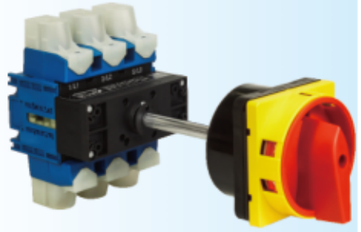
LW30-40A、63A

LW30-80A、100A

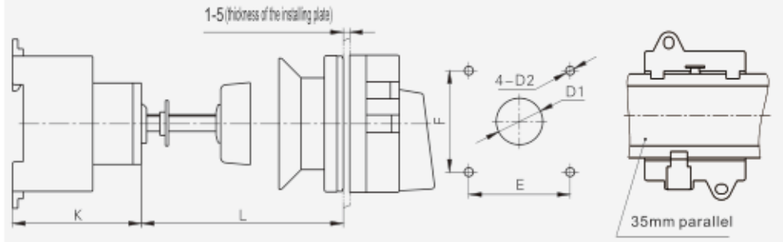
LW30-125A、175A

LW30 Series Rotary Switch

Dimensions and installation



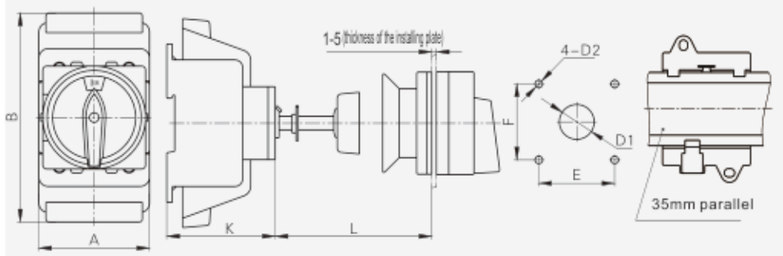
Doorlock base installation with pad-lock system



Specification	Dimensions(mm)			Installation(mm)			
	K	Lmin	Lmax	E	F	D1	D2
LW30-20	56.5	32	150	48	48	ø22	ø4.2
LW30-25	50	32	150	48	48	ø22	ø4.2
LW30-32	50	32	150	48	48	ø22	ø4.2
LW30-40	61	32	150	48	48	ø22	ø4.2
LW30-63	61	32	150	48	48	ø22	ø4.2
LW30-80	68	32	150	48	48	ø22	ø4.2
LW30-100	68	32	150	48	48	ø22	ø4.2
LW30-125	92	50	150	68	68	ø30	ø6
LW30-175	92	50	150	68	68	ø30	ø6

Re:Product can be installed in 35mm parallel.

Protective cover



Specification	Dimensions(mm)					Installation(mm)			
	A	B	K	Lmin	Lmax	E	F	D1	D2
LW30-25	94.5	42.5	50.5	32	150	48	48	ø22	ø4.2
LW30-32	94.5	42.5	50.5	32	150	48	48	ø22	ø4.2
LW30-40	95.5	50.5	61	32	150	48	48	ø22	ø4.2
LW30-63	95.5	50.5	61	32	150	48	48	ø22	ø4.2
LW30-80	70	133	68	32	150	48	48	ø22	ø4.2
LW30-100	70	133	68	32	150	48	48	ø22	ø4.2
LW30-125	112.5	154	92	32	150	68	68	ø30	ø6
LW30-175	112.5	154	92	32	150	68	68	ø30	ø6

LW30 Series Rotary Switch


20A


25A

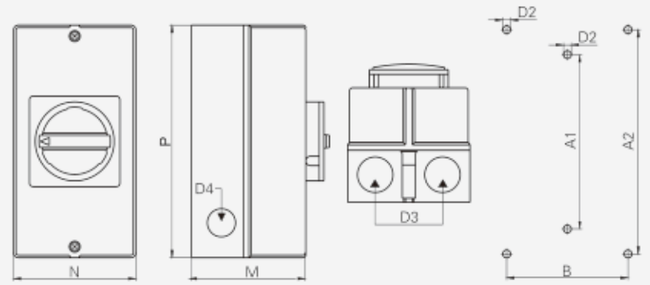

40A.63A


80A.100A


125A、175A

Dimensions and installation

Plastic box (IP65)



Specification	Dimensions (mm)					Installation (mm)			
	D3	D4	M	N	P	A1	A2	B	D2
LW30-20	ø 23	--	77	86	125	115	--	--	ø 4.2
LW30-25	ø 23	ø 19	85	83	160	150	--	--	ø 4.2
LW30-32	ø 23	ø 19	85	83	160	150	--	--	ø 4.2
LW30-40	ø 29	ø 23	100	95	190	178	--	--	ø 4.2
LW30-63	ø 29	ø 23	100	95	190	178	--	--	ø 4.2
LW30-80	ø 37.5	ø 23	144	145	250	--	229	124	ø 6.5
LW30-100	ø 37.5	ø 23	144	145	250	--	229	124	ø 6.5
LW30-125	ø 50	ø 29	180	280	280	--	257	257	ø 6.5
LW30-175	ø 50	ø 29	180	280	280	--	257	257	ø 6.5

Photovoltaic (pv) DC

Designation

LW 30 – □/□ □ □ □ □ □ □

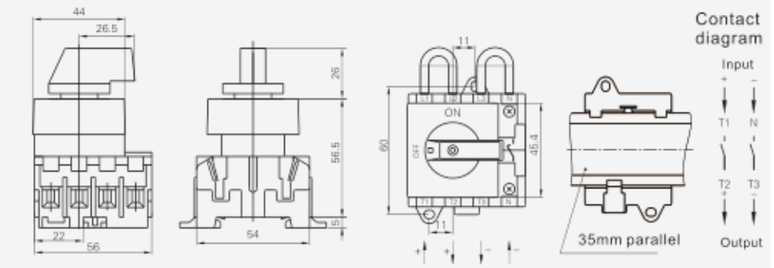
- Additional function: 0-not inclosed 1-with multithrow function 2-with NONC auxiliary contact
- Plastic box: 0-not inclosed 1- inclosed
- Way of installation: 1. Escutcheon plate installation with pad-lock 2. Escutcheon plate installation 3. Doorlock base installation 4. Doorlock base installation with pad-lock system 5. Single hole installation
- Earthing terminal: 0 not inclosed, 1 inclosed
- Neutral terminal: 0 not inclosed, 1 inclosed
- Additional contacts: 0 not inclosed, 1 inclosed
- Poles:1- 3P, 2- 4P, 3-6P, 4-8P
- Rated thermal current(A)
- Product code
- Rotary switch (Cam switch)

Stripping Length

LW30 Series Rotary Switch

Photovoltaic (pv) DC

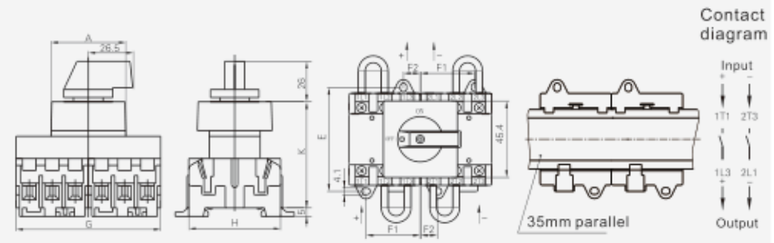
DC 1×2P



Description	Operating current	Operating Voltage(DC)	Biggest PV load voltage (DC)	Isolation Voltage	Dia of soft line(mm)
LW30-20	16 A	450 V	520 V	690 V	ø 2.5
LW30-32	25 A	450 V	520 V	690 V	ø 4
LW30-40	32 A	450 V	520 V	690 V	ø 4.5
LW30-20	12 A	500 V	575 V	690 V	ø 2.5
LW30-32	20 A	500 V	575 V	690 V	ø 4

Usage: DC-22A

DC 1×2P



Specification	A	E	F1	F2	G	H	K
LW30-20/LW30-32	44	60	32	10	84	54	64
LW30-40	105.4	70	37.5	12.5	100	64	62.5

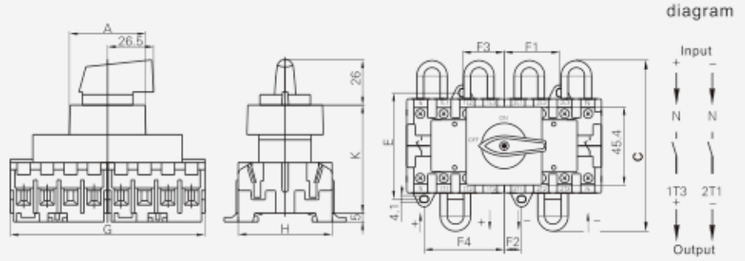
Specification	Operating current	Operating Voltage(DC)	Biggest PV load voltage (DC)	Isolation Voltage	Dia of soft line(mm)
LW30-20	16 A	650 V	750 V	1000 V	ø 2.5
LW30-32	32 A	500 V	575 V	1000 V	ø 4
LW30-40	32 A	650 V	750 V	1000 V	ø 4.5
LW30-20	12 A	800 V	920 V	1000 V	ø 2.5
LW30-32	25 A	650 V	750 V	1000 V	ø 4

Usage: DC-22A

LW30 Series Rotary Switch

Photovoltaic (pv) DC

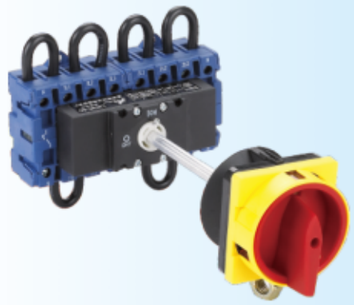
DC 1×2P



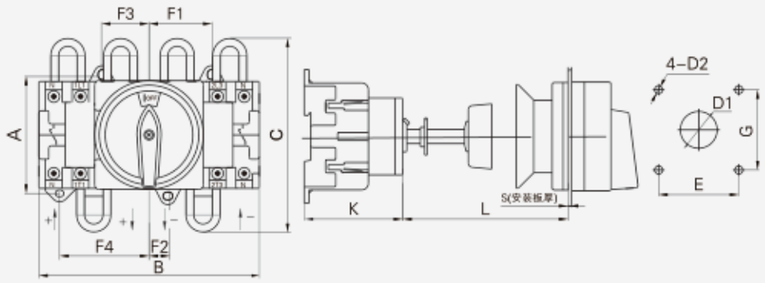
Description	A	C	E	F1	F2	F3	F4	G	H	K
LW30-20/LW30-32	44	100	60	32	10	24	46	111	54	64
LW30-40	105.4	100	70	37.5	12.5	28.5	53.5	132	64	62.5

Description	Operating current	Operating Voltage(DC)	Biggest PV load voltage (DC)	Isolation Voltage	Dia of soft line(mm)
LW30-20	16 A	800V	920 V	1000 V	ø 2.5
LW30-32	25 A	800 V	920 V	1000 V	ø 4
LW30-40	32 A	800 V	920 V	1000 V	ø 4.5

Usage: DC-22A



DC 1×2P



Description	Dimensions (mm)										Installation (mm)			
	A	B	C	K	F1	F2	F3	F4	L	S	E	G	D1	D2
LW30-20	60	111	100	50.5	32	10	24	46	32~150	1~5	48	48	ø 22	ø 4.5
LW30-25	60	111	100	50.5	32	10	24	46	32~150	1~5	48	48	ø 22	ø 4.5
LW30-32	60	111	100	50.5	32	10	24	46	32~150	1~5	48	48	ø 22	ø 4.5
LW30-40	70	132	120	61	37.5	12.5	28.5	53.5	32~150	1~5	48	48	ø 22	ø 4.5
LW30-63	70	132	120	61	37.5	12.5	28.5	53.5	32~150	1~5	48	48	ø 22	ø 4.5

Description	Operating current	Operating Voltage(DC)	Biggest PV load voltage (DC)	Isolation Voltage	Dia of soft line(mm)
LW30-20	16 A	800V	920 V	1000 V	ø 2.5
LW30-32	25 A	800 V	920 V	1000 V	ø 4
LW30-40	32 A	800 V	920 V	1000 V	ø 4.5

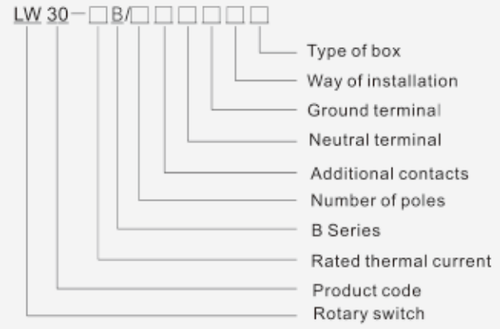
Usage: DC-22A

LW30 B Series Rotary Switch

Introduction

LW30B series rotary switches mainly used as the main switch of the ventilation equipment, air-conditioner and the water pump system, and also can directly control of AC motor.

Designation



Accessorial code

Number of poles:3P, 4P
Additional contacts:0 for additional contacts not inclosed
1 for with additional contacts
Neutral terminal:0 for neutral terminal not inclosed
1 for with neutral terminal
Ground terminal:0 for ground terminal not inclosed
1 for with ground terminal.

Installation

1.Pad-lock escutcheon plate
2.Escutcheon plate
3.Single lock parallel installation
4.Doorlock safety switch with padlock system
5.Single hole installation
Type of box:0 with protective box,1 with Ip65 plastic box

Technical para meters

Specification			LW30-16B		LW30-20B	LW30-25B	LW30-32B
rated thermal current	Ith	A	16		20	25	32
rated working current	Ue	V	220	440	440	440	440
AC-21A		A	16	16	20	25	32
AC-22A		A	16	16	20	25	32
AC-23A		kW	2	7.5	10	12	16

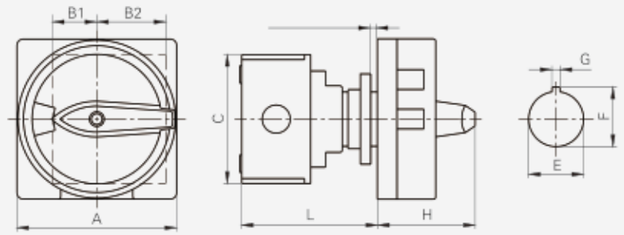
Mechanism life

AC-23A is 10000 times/h

Functional diagram

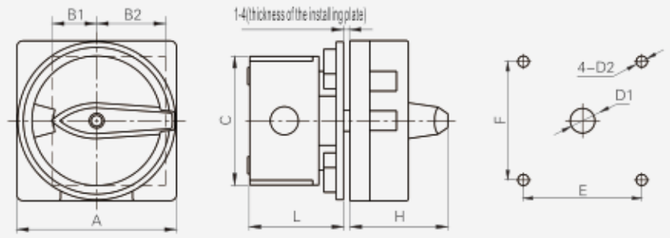
Dimensions and installation

Single hole installation



Specification	Dimensions(mm)										Installation (mm)		
	A	B1(2P)	B1(3P)	B1(4P)	B2(2P)	B2(3P)	B2(4P)	C	L	H	E	F	G
LW30-16B	□64	18			18			54	55	40.1	22.3	24.1	3.2
LW30-20B	□64		28	28		18	28	54	55	40.1	22.3	24.1	3.2
LW30-25B	□64		28	28		18	28	54	55	40.1	22.3	24.1	3.2
LW30-32B	□64		28	28		18	28	54	55	40.1	22.3	24.1	3.2

Panel installation



Specification	Dimensions(mm)										Installation(mm)			
	A	B1(2P)	B1(3P)	B1(4P)	B2(2P)	B2(3P)	B2(4P)	C	L	H	E	F	D1	D2
LW30-16B	□48	18			18			54	39	33	36	36	ø10	ø4.2
LW30-16B	□64	18			18			54	39	40.1	36	36	ø10	ø4.2
LW30-20B	□48		28	28		18	28	54	39	33	36	36	ø10	ø4.2
LW30-20B	□64		28	28		18	28	54	39	40.1	36	36	ø10	ø4.2
LW30-25B	□48		28	28		18	28	54	39	33	36	36	ø10	ø4.2
LW30-25B	□64		28	28		18	28	54	39	40.1	36	36	ø10	ø4.2
LW30-32B	□48		28	28		18	28	54	39	33	36	36	ø10	ø4.2
LW30-32B	□64		28	28		18	28	54	39	40.1	36	36	ø10	ø4.2

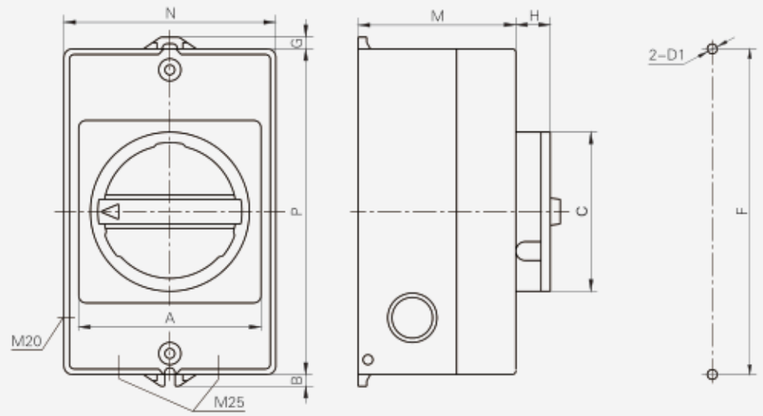
Technical parameters

Specification			LW30-16B		LW30-20B	LW30-25B	LW30-32B
Rated insulation voltage	Ui	V	690		690	690	690
Rated thermal current	Ith	A	16		20	25	32
Rated working voltage	Ue	V	220	440	440	440	440
AC-23A		kW	2	7.5	10	12	16

Specification			LW30-32B(4P)	LW30-32B(4P)	LW30-32B(6P)	LW30-32B(6P)
Rated insulation voltage	Ui	V	690	690	690	690
Rated thermal current	Ith	A	32	32	32	32
Rated working voltage	Ue	V	440	500	650	800
DC-22A		kW	22	18	22	22

Functional diagram

Thermoplastic sealing box(IP65)



Specification	Dimensions(mm)								Installation(mm)	
	A	P	N	B	G	M	H	C	F	D1
LW30-16B	□74	132	86	5	5	65	18	ø66	132	ø4.2
LW30-20B	□74	132	86	5	5	65	18	ø66	132	ø4.2
LW30-25B	□74	132	86	5	5	65	18	ø66	132	ø4.2
LW30-32B	□74	132	86	5	5	65	18	ø66	132	ø4.2

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LW31 Series Rotary Switch

Introduction

LW31 series rotary switches applied to switchgear and control of electric motors as well as to change over of electric circuits, it's a good substitution for other cam switches.

LW31-20 □ A

LW31-20 □ B

LW31-25

LW31-32

LW31-50

LW31-75

Designation

LW31 – □ □ □

- Typing code, A tape and B type
- Code for contact diagram
- Rated thermal current
- Product code
- Rotary switch (Cam switch)

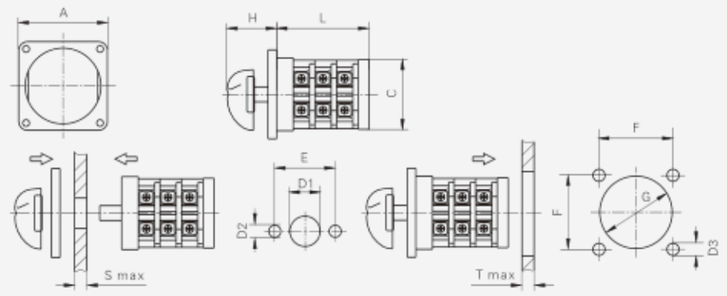
Technical parameters

Specification			LW31–20	LW31–25	LW31–32	LW31–50	LW31–75
Rated thermal current	Ith	A	20	25	32	50	75
Rated working voltage	Ue	V	110 220 440	110 220 440 500 690	110 220 440 500 690	110 220 440 500 690	110 220 440 500 690
Rated working current	Ie						
AC–21A		A	20	25	32	50	75
AC–22A		A	16	20	32	40	63
DC–20		A	20	25	32	50	75
Power							
AC–23A		kW	5 7.5	7.5 11 15	11 18.5 22	15 22 30	18.5 30 37
AC–3		kW	4 5.5	5.5 7.5 11	7.5 15 18.5	11 18.5 22	15 22 30
AC–4		kW	2.2 3	2.2 4 4	3 5.5 5.5	5.5 7.5 9	7.5 11 15
DC–23		kW	0.77 1.2	2 2.2	2 2.2	3 6	4 8

Mechanical life

Mechanical life without load:0.3X10 times, operation frequency is 120 times/h.
Mechanical life with load:0.6X10 times operation frequency is 120 times/h.

Dimensions and installation



Specification	Escutcheon plate	Dimensions(mm)			Installation(mm)							
	A	C	H	L	E	D1	D2	S	F	G	D3	T
LW31–20	□54	ø44	38	25+12n	32	ø9.5	ø3.2	1.5	35	ø45	ø4.5	6
LW31–20	□72	ø44	38	25+12n	32	ø9.5	ø3.2	1.5	58	ø45	ø4.5	6
LW31–25	□72	ø59	36	23+13n	33	ø9.5	ø3.2	1.5	58	ø64	ø4.5	6
LW31–25	□105	ø59	53	23+13n	33	ø9.5	ø3.2	1.5	85	ø64	ø4.5	6
LW31–32	□72	ø59	36	23+18n	33	ø9.5	ø3.2	1.5	58	ø64	ø4.5	6
LW31–32	□105	ø59	53	23+18n	33	ø9.5	ø3.2	1.5	85	ø64	ø4.5	6
LW31–50	□105	ø80	53	34+18n	46	ø13	ø5.3	3	85	ø90	ø5.5	8
LW31–75	□105	ø80	53	34+27n	46	ø13	ø5.3	3	85	ø90	ø5.5	8

Re: n for number of layers.

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LW31B Series Rotary Switch

Introduction

LW31B series rotary switch applied to switch gear and control of electric motors as well as to change over of electric circuits, it's a good subsitution for othe cam switches.

LW31B–16 □ A

LW31B–16 □ A

LW31B–16 □ B

Designation

LW31B – □ □ □

- Typing code, A type and B type
- Code for contact diagram of the switch
- Rated thermal current
- Product code
- Rotary switch (Cam switch)

Technical parameters

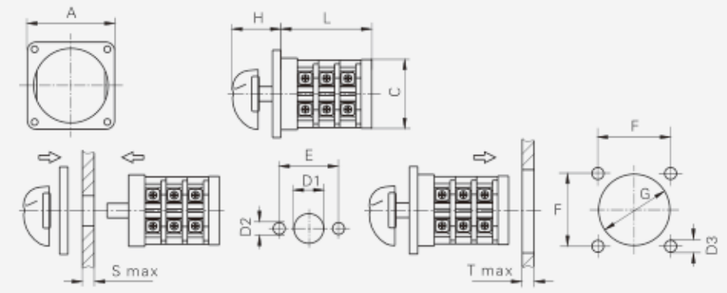
Description			LW31B–16	
Rated thermal current	Ith	A	16	
Rated working voltage	Ue	V	380–440	220–240
Rated working current	Ie			
AC–21A		A	16	
AC–22A		A	16	
AC–15		A	3	4
DC–13		A		0.8
Power	P			
AC–23A		kW	5.5	3
AC–3		kW	4	2.2
AC–4		kW	1	0.5

Mechnical life

Mechanical life without load: $0.3x10^6$ times, operation frequency is 120 times/h

Mechanical life with load: $0.6x10^4$ times operation frequency is 120 times/h

Dimensions and installation



Description	Dimensions (mm)							Installation (mm)				
	A	C	H	L	E	D1	D2	S	F	G	D3	T
LW31B–16	□52	ø46.5	30max	27+12n	28	ø10	ø4	1.5	35	ø47	ø4.5	6

Re: n for number of layers.

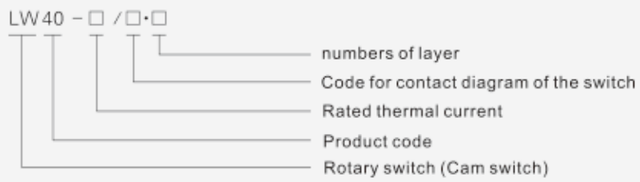
LW40 Series Rotary Switch

Introduction

Introduction

LW40 series rotary switch use for alternating current 50Hz, voltage to 690V or direct voltage to 440V and the electrical equipment like numerical control machine. To control, to illuminate, to protect, to measure. And also can be used to control the small capacity squirrel cage electric motors.

Designation



Combination operating mode and rotation angle of actuator.

Operating Mode	Code	Rotation angle of actuator			
Auto-reset type	A	0°→30°	0°→45°	0°→60°	0°→90°
	B	30°→0°→30°	45°→0°→45°	60°→0°→60°	90°→0°→90°
Location type	C	0° 30°	0° 45°	0° 60°	
	D	30° 0° 30°	45° 0° 45°	60° 0° 60°	
	E	30° 0° 30° 60°	45° 0° 45° 90°	60° 0° 60°120°	
	F	60° 30° 0° 30° 60°	90° 45° 0° 45° 90°	60° 0° 60°120°180°	
	G	60° 30° 0° 30° 60° 90°	90° 45° 0° 45° 90°135°	120°60° 0° 60°120°180°	
	H	90° 60° 30° 0° 30° 60° 90°	135°90° 45° 0° 45° 90°135°		
	I	90° 60° 30° 0° 30° 60° 90° 120°	135°90° 45° 0° 45° 90°135°180°		
	J	120° 90° 60° 30° 0° 30° 60° 90° 120°			
	K	120° 90° 60° 30° 0° 30° 60° 90° 120° 150°			
	L	150°120° 90° 60° 30° 0° 30° 60° 90° 120° 150°			
	M	150°120° 90° 60° 30° 0° 30° 60° 90° 120° 150° 180°			
	N		45° 45°	30°30°	
	P				90° 0° 90°
	T				0° 90°
	V				90° 0°
	R				270° 0° 90° 180°
Mixed type	Q	30° 0°→30°	45° 0°→45°		
	S	30°→0° 60°	90° 0°→45°		
	W		90°→45° 0° 45°→90°		
	Z	120°→90° 0°→30°	135°→90° 0°→45°		

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LW40 Series Rotary Switch

Technical parameters

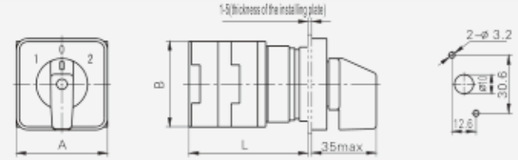
Description		LW40-20	LW40-25	LW40-32
Rated thermal current Ith	A	20	25	32
Rated working voltage Ue	V	440	440	440
Rated working current Ie				
AC-23A	A	15	20	25
AC-3	A	11	15	18

Mechanical life

Mechanical life without load: 0.3×10^6 times, operation frequency is 120 times/h.
Mechanical life with load: 0.05×10^6 times operation frequency is 120 times/h.

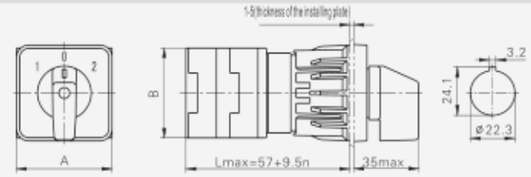
Dimensions and installation

Escutcheon plate installation



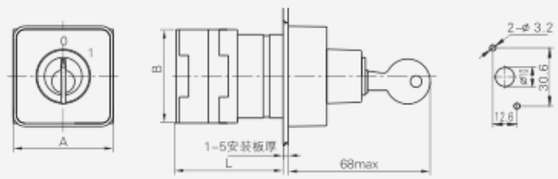
Description	Dimensions	A	B	L
LW40-20		52	52	37+9.5n
LW40-25		61	54.5	38+11.5n
LW40-32		61	54.5	38+11.5n

Single hole installation



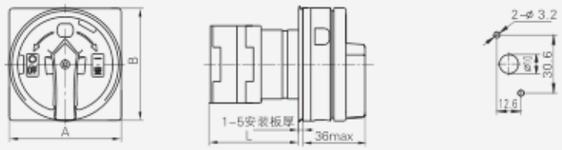
Description	Dimensions	A	B	L
LW40-20		52	52	57+9.5n
LW40-25		61	54.5	58+11.5n
LW40-32		61	54.5	58+11.5n

Key Installation



Description	Dimensions	A	B	L
LW40-20		52	52	37+9.5n
LW40-25		61	54.5	38+11.5n
LW40-32		61	54.5	38+11.5n

Pad-lock installation



Description	Dimensions	A	B	L
LW40-20		65	65	37+9.5n
LW40-25		65	65	38+11.5n
LW40-32		65	65	38+11.5n

Re: n for number of layers.

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KDHc Series Electric Welding Machinery Switch

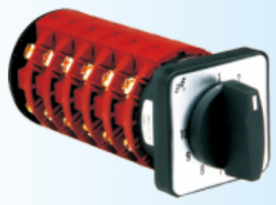
KDHc-20

KDHc-25

KDHc-32

KDHc-40

KDHc-63



Introduction

The KDHc electric welding machine switch applied to AC 50Hz or 60Hz, 440V and below 200A and Below, for control of welding machine and control of main circuits as well.

The product complies with GB 14048.3, JB/T 10498.

Working conditions

(1) Ambient temperature DO NOT exceed 40℃, and DO NOT Less than -25℃, and the average temperature, measured over a period of 24 hours, DO NOT exceed 35℃.

(2)Should not be installed over 2000m about sea level.

(3) The switch should not change the circuit when the switch is working with load.

(4) The humidity should not exceed 50% when the ambient temperature is 40℃, and higher humidity is allowed for lower temperature.

(5)A clean environment was required.

Designation

KDHc-□-□×□ □/□

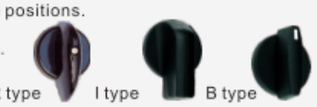
- Electric Welding Machinery Switch
- Rated thermal current
- Number of poles
- Character code
- Number of layers
- Code for contact diagram

Classification

(1)Classified by current ratings: 20A,25A,32A,40A,63A.

(2)Classified by handle position, there are 12 handle positions.

(3)Classified by type of handle, R type, I type, B type.

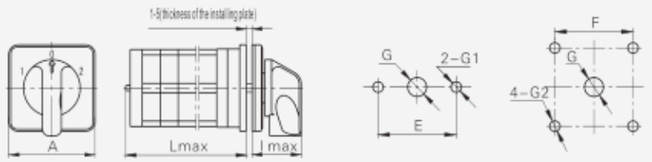


R type I type B type

Technical parameters

Description		KDHc-20	KDHc-25	KDHc-32	KDHc-40	KDHc-63
Rated thermal current	Ith A	20	25	32	40	63
Rated working voltage	Ue V	240/440	240/440	240/440	240/440	240/440
Rated working current	Ie					
AC-21A	A	20	25	32	40	63
Operation						
Non-load		8500	8500	8500	8500	8500
Load		1500	1500	1500	1500	1500
Total		10 000	10 000	10 000	10 000	10 000
Operation frequency	times/h	120	120	120	120	120

Dimensions and installation



Description								
	Lmax	lmax	A	E	F	G	G1	G2
KDHc-20	25+12n	38	□48±0.31	32±0.16	□36±0.31	ø9.5	ø3.5	ø4.5
KDHc-25	34+13.3n	37	□64±0.37	36±0.31	□48±0.31	ø9.5	ø4.5	ø4.5
KDHc-32	34+13.3n	37	□64±0.37	36±0.31	□48±0.31	ø9.5	ø4.5	ø4.5
KDHc-40	34+17.5n	37	□64±0.37	36±0.31	□48±0.31	ø9.5	ø4.5	ø4.5
KDHc-63	34+17.5n	37	□64±0.37	36±0.31	□48±0.31	ø9.5	ø4.5	ø4.5

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KDHs Series Electric Welding Machinery Switch

Introduction

The KDHs-160, 200 series change-over switch is applied to AC/DCI welder and argon arc welder for change-over of electric circuits.

The product complies with GB 14048.3

Working conditions

(1) Ambient temperature DO NOT exceed 40℃, and DO NOT Less than -25℃, and the average temperature, measured over a period of 24 hours, DO NOT exceed 35℃.

(2)Should not be installed over 2000m about sea level.

(3) The switch should not change the circuit when the switch is working with load.

(4) The humidity should not exceed 50% when the ambient temperature is 40℃, and higher humidity is allowed for lower temperature.

Description

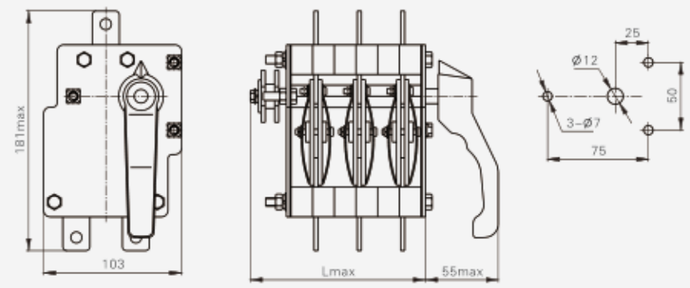
KDHs-□-□

- Numbers of poles (2P-4P)
- Rated thermal current
- Electric Welding Machinery Switch

Technical parameters

Description	KDHs-160-□	KDHs-200-□
Rated volt	220V/380V	220V/380V
Rated current	160A	200A
Power-frequency with stand volt	4KV	4KV
Insulation resistance	100MΩ	100MΩ
Endurance (times)	1×10^4	1×10^4
Note	Appliance for 315 welding machine	Appliance for 500 welding machine

Dimensions and installation



Description	Lmax (mm)
1 pole	70
2 pole	100
3 pole	130
4 pole	160

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KDH Series Electric Welding Machinery Switch

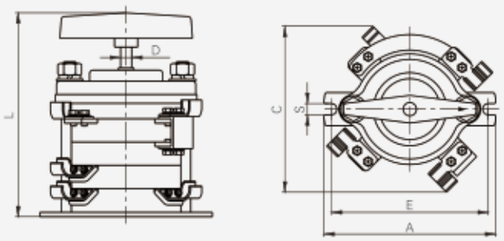
Introduction

KDH series electric welding machinery switch used for the control of the main switch Bx3 series welding machine and for change over of coil turns, coil at the stalls, thus expanding the range of current regulation. Can also be used for other moving-coil transformers arc welding machine.

Technical parameters

Description	KDH-125	KDH-160	KDH-200
Rated thermal current Ith A	125	160	200
Operation	0.01×10^6	0.01×10^6	0.01×10^6
Operation frequency times/h	120	120	120

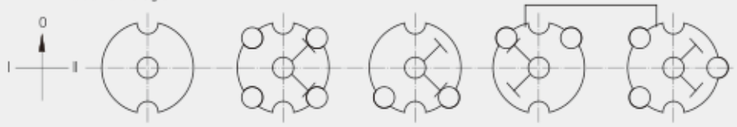
Dimensions and installation



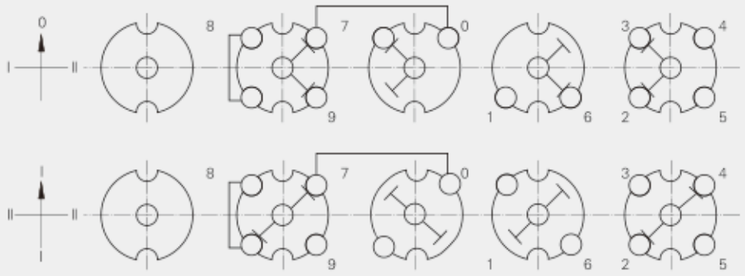
Description	Dimension(mm)					
	A	C	L	E	D	S
KDH-125	142	120	170	112	ø9	7
KDH-160	155	150	188	142	ø10	10
KDH-200	155	150	193	142	ø10	10

Contact diagrams

KDH-125 contact diagram



KDH-160, 200 contact diagram



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HZ10D-□ /E119 Series Electric Welding Machinery Switch

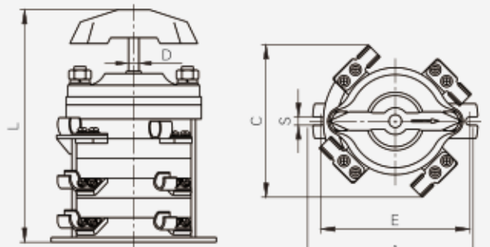
Introduction

HZ10D-□ /E119 Series Electric Welding Machinery Switch applied to welding machine for adjusting current of 100A and below, AC50Hz or 60Hz, rated voltage 380V and below, for the change of main circuit, auxiliary electrical appliances.

Technical parameters

Description	HZ10D-25/E119	HZ10D-63/E119	HZ10D-100/E119	HZ10D-100/E119A
Rated thermal current Ith A	25	63	100	100
Rated working voltage Ue V	240 440	240 440	240 440	240 440
Rated working current Ie A	25 25	63 63	100 100	100 100

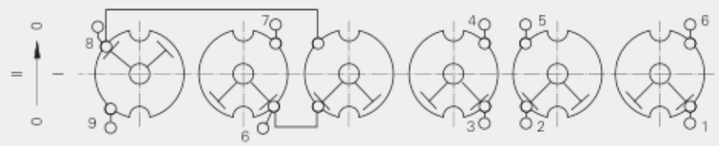
Dimensions and installation



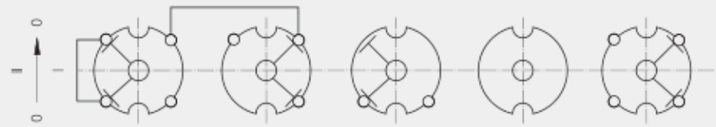
Description	Dimension(mm)					
	A	C	L	E	D	S
HZ10D-25/E119	100	90	140	90	ø8	6
HZ10D-63/E119	142	110	165	128	ø9	7
HZ10D-100/E119	142	128	210	128	ø9	7
HZ10D-100/E119A	142	128	188	128	ø9	7

Contact diagrams

HZ10D-□ /E119 Contact diagram



HZ10D-100/E119A Contact diagram



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HJ-75/100 Series Adapter

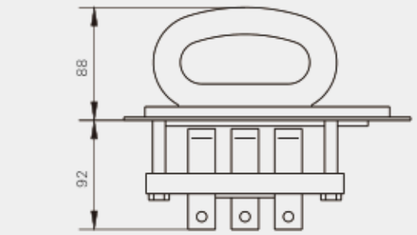
Introduction

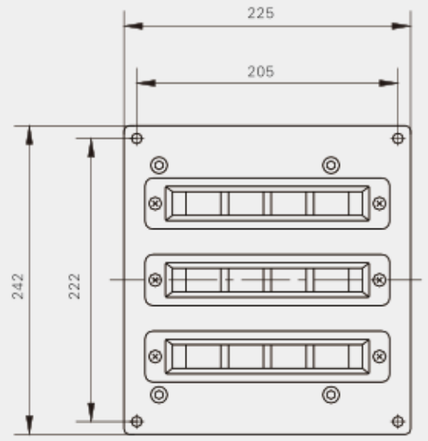
HJ-75/100 Series Adapter applied to the butt welder, spot welder, seam welding machine for the purposes of current adjusting. Theproduct has three phase, and two current ratings, 75A and 100A. The product complies with GB14048.3

Technical parameters

Rated volt	~220V ~380V (50HZ)
Rated current	500A
Power-frequency with stand voltage	4KV
Insulation resistance	100MΩ
Endurance (times)	1×10^4

Dimensions and installation





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Input Joint Box Series

Introduction

The power input joint box is mainly used for fixing of power supply input connecting wire of various electric welder, with advantages of safety and reliability, the input joint box is classified into H model, D model by appearance, and 2-pole, 3- pole, 4-pole by pole number.

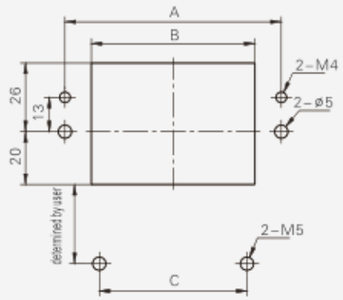
H model 2 pole

H model 3 pole

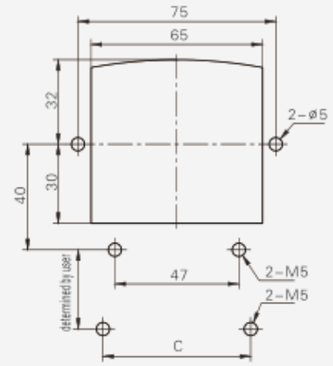
D model 2 pole

D model 3 pole

Dimensions and installation



H Input Joint Box



D Input Joint Box

Description	A	B	C
H model two-pole	82	62	56
H model three-pole	92	70	72
H model four-pole	96	76	

Installation pitch of champ

Description	C (mm)
single-hole	40
two-hole	56
three-hole	72

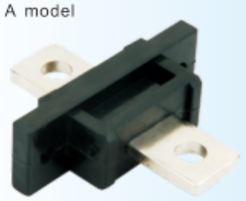
Output Terminal Block Series

Introduction

The output terminal block is used for fixing of power-supply output connecting wire of various electric welder, the out put terminal block is classified into A, B, C type according to mode, classified into 300A, 500A, 630A, 800A, 1000A according to current, classified into red and black according to color.

Description	Current A		
A model	300	500	
B model	500	630	
C model	630	800	1000

A model

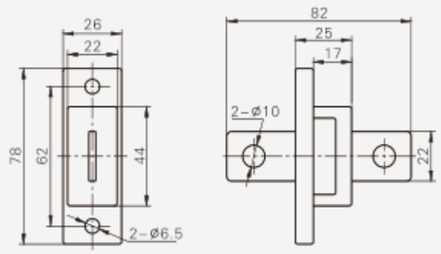


B model

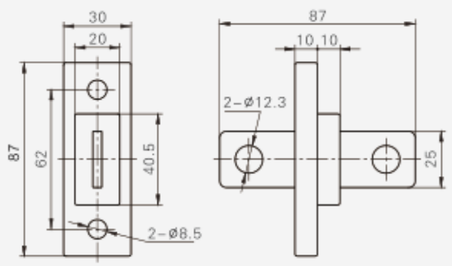
C model

Dimensions and installation

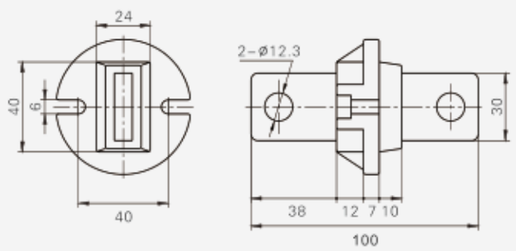
A model dimensions and installation of output terminal blocks



B model dimensions and installation of output terminal blocks



C model dimensions and installation of output terminal blocks



LW2D Series Rotary Switch

Introduction

LW2D applied to change over of circuits, also for control of electrical measuring instruments and control of motors.

Technical parameters

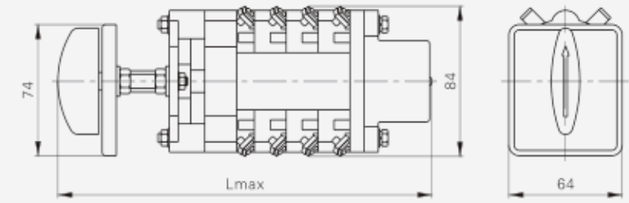
Rated thermal current	Ith	A	10	
Rated working voltage	Ue	V	240	250
Rated working current	Ie			
AC-15 Double breakpoint		A	2	
AC-15 Single breakpoint		A	1	
DC-13 Double breakpoint		A		1.1
DC-13 Single breakpoint		A		0.5

Mechnical life

Mechanical life without load: $0.03x10^6$ times, operation frequency is 120 times/h

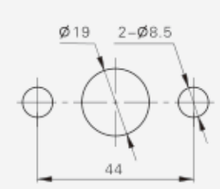
Mechanical life with load: AC-15, $0.01x10^6$ times operation frequency is 300 times/h
DC-13, $0.01x10^6$ times operation frequency is 300 times/h

Dimensions and installation

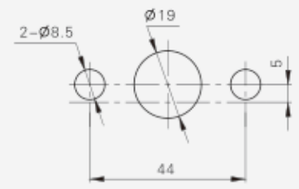


Spring return : Lmax=130+18n (n for number of layers)

Others : Lmax=141+18n (n for number of layers)



Spring return



Others

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LW5D Series Rotary Switch

Introduction

LW5D applied to change over of circuits, also for control of starting and running, start and reserving and speed change of motors.

Technical parameters

Uses		Master Control	Direct control motor
Rated thermal current Ith	A	16	16
Rated working voltage Ue	V	125 220 250 380 400 500	380
Rated working current Ie			
AC-15	A	4.6 2.6 2.0	
AC-3	A		12
AC-4	A		3.5
DC-13 Double breakpoint	A	0.55 0.27 0.14	
DC-13 Four breakpoint	A	0.82 0.41 0.20	

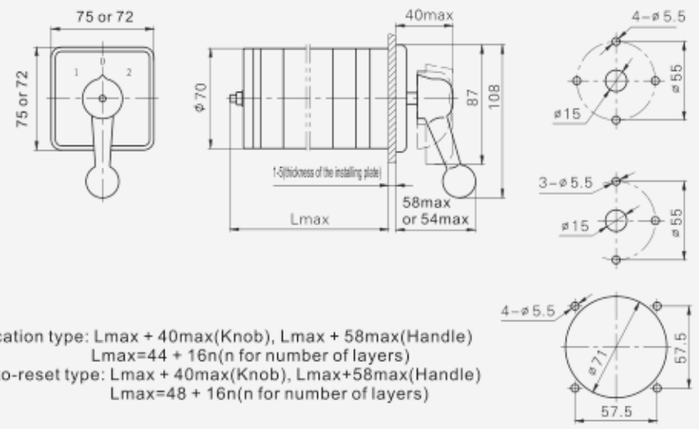
Mechnical life

Mechanical life without load: $0.3x10^6$ times, operation frequency is 300 times/h

Mechanical life with load: AC-15, DC-13: $0.1x10^6$ times operation frequency is 300 times/h
AC-3, $0.1x10^6$ times operation frequency is 120 times/h
AC-4, $0.1x10^6$ times operation frequency is 120 times/h

Operation	Character code	Position of handle
Auto-reset type	A	0°—45°
	B	45°→0°—45°
Position type	C	0° 45°
	D	45° 0° 45°
	E	45° 0° 45° 90°
	F	90° 45° 0° 45° 90°
	G	90° 45° 0° 45° 90° 135°
	H	135° 90° 45° 0° 45° 90° 135°
	I	135° 90° 45° 0° 45° 90° 135° 180°
	J	120° 90° 60° 30° 0° 30° 60° 90° 120°
	K	120° 90° 60° 30° 0° 30° 60° 90° 120° 150°
	L	150° 120° 90° 60° 30° 0° 30° 60° 90° 120° 150°
	M	150° 120° 90° 60° 30° 0° 30° 60° 90° 120° 150° 180°
	N	45° 45°
	P	90° 0° 90°

Dimensions and installation



Location type: Lmax + 40max(Knob), Lmax + 58max(Handle)
Lmax=44 + 16n(n for number of layers)
Auto-reset type: Lmax + 40max(Knob), Lmax+58max(Handle)
Lmax=48 + 16n(n for number of layers)

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LW6D Series Rotary Switch

Introduction

LW6D applied to machine tool for control and change over of circuits, also for change over of circuits in other equipments.

Technical parameters

Rated thermal current Ith	A	5		
Rated working voltage Ue	V	220	250	380
Rated working current Ie				
AC-15	A	1.5		0.95
DC-13	A		0.55	

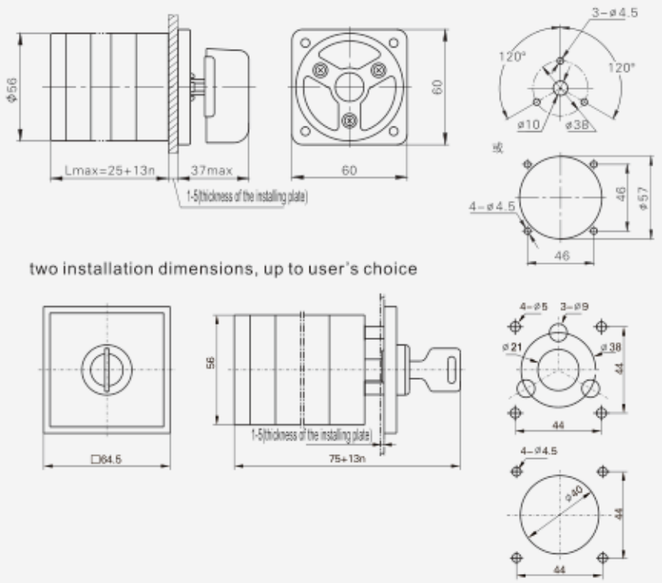
Mechnical life

Mechanical life without load: $0.3x10^6$ times, operation frequency is 120 times/h

Mechanical life with load: AC-15, $0.1x10^6$ times operation frequency is 300 times/h
DC-13, $0.1x10^6$ times operation frequency is 300 times/h

Character code	Position of handle
A	0° 30°
B	30° 0° 30°
C	30° 0° 30° 60°
D	60° 30° 0° 30° 60°
E	60° 30° 0° 30° 60° 90°
F	90° 60° 30° 0° 30° 60° 90°
G	90° 60° 30° 0° 30° 60° 90° 120°
H	120° 90° 60° 30° 0° 30° 60° 90° 120°
I	120° 90° 60° 30° 0° 30° 60° 90° 120° 150°
J	150° 120° 90° 60° 30° 0° 30° 60° 90° 120° 150°
K	210° 240° 270° 300° 330° 0° 30° 60° 90° 120° 150° 180°

Dimensions and installation



Re: n for number of layers.

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LW8D Series Rotary Switch

Introduction

LW8D applied to change over of circuits, also for control of electrical measuring instruments and control of motors.

Technical parameters

Description		LW8D-10			LW8D-20		
Rated thermal current	Ith A	10			20		
Rated working voltage	Ue V	240	250	380	240	250	380
Rated working current	Ie						
	A	1.6		0.95	4.6		2.6
AC-3	A		5			12	
DC-13	A		0.14			0.27	

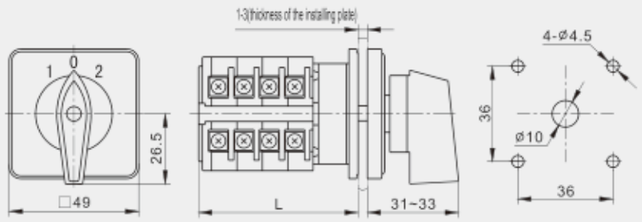
Mechnical life

Mechanical life without load: $0.3x10^6$ times, operation frequency is 120 times/h

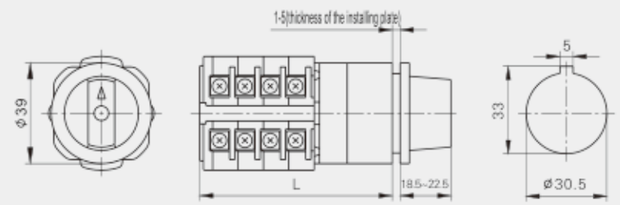
Mechanical life with load: AC-15, $0.1x10^6$ times operation frequency is 300 times/h
DC-13, $0.1x10^6$ times operation frequency is 300 times/h

Dimensions and installation

Square escutcheon plate



Round escutcheon plate



Description	L (mm)	
	Square escutcheon plate	Round escutcheon plate
LW8D-10	22+10n	35+10n
LW8D-20	22+13n	35+13n

Re: n for number of layers.

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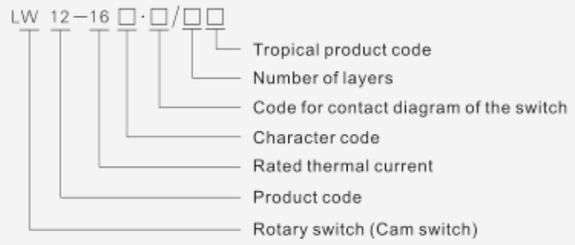
LW12 Series Rotary Switch

Introduction

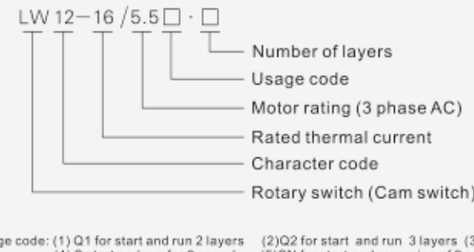
LW12 applied to change over of circuits, also for control of electrical measuring instruments and control of motors.

Use as control switches



Re: Tropical product code: TH or TA.

Use as motor switch



Re: Usage code: (1) Q1 for start and run 2 layers (2)Q2 for start and run 3 layers (3) N for start and reversing
(4) S start and run for 2 speed (5)SN for start and reversing of 2 speed motor

Technical parameters

Rated insulation voltage	Ui V	500	
Rated thermal current	Ith A	16	
Rated working voltage	Ue V	220	380
Rated working current	Ie A		
AC-15	A	4.6	2.6
DC-13	A	0.27	
AC-3	A	12	
AC-4	A	12	

Mechnical life

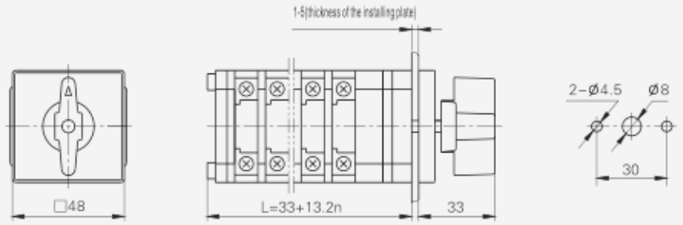
Mechanical life without load: $0.3x10^6$ times, operation frequency is 300 times/h

Mechanical life with load: AC-15, DC-13: $0.1x10^6$ times operation frequency is 300 times/h
AC-3, $0.1x10^6$ times operation frequency is 120 times/h
AC-4, $0.1x10^6$ times operation frequency is 120 times/h

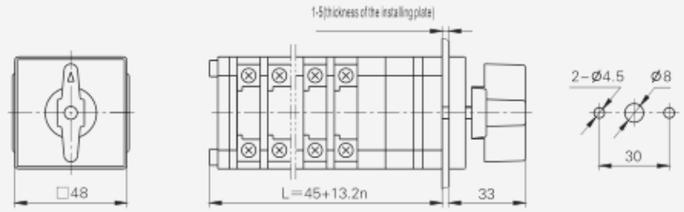
LW12 Series Rotary Switch

Dimensions and installation

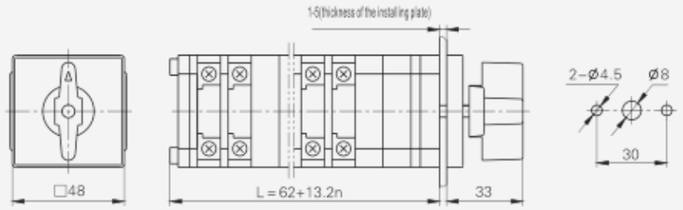
Limited movement



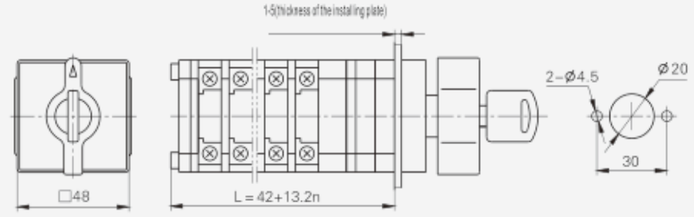
Spring return and limited movement with spring return



Limited movement with spring return and 45° free space



Limited movement with key lock



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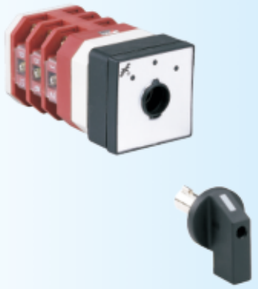
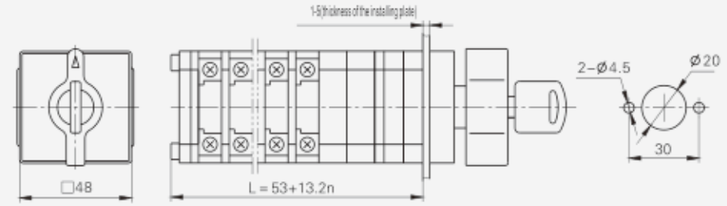
LW12 Series Rotary Switch

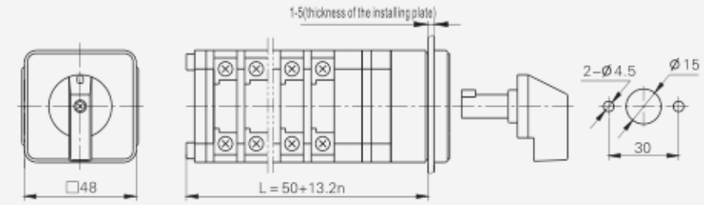
Dimensions and installation



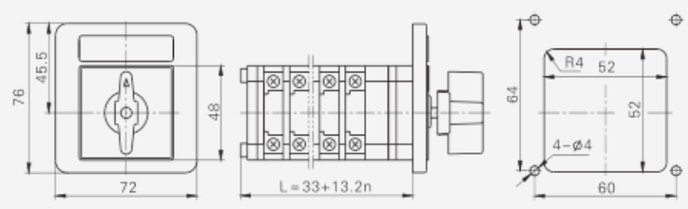
Limited movement with spring return and key lock



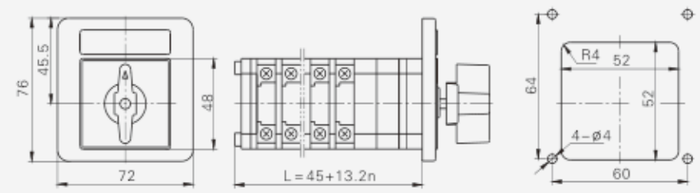
Y type



Limited movement with indicator



Spring return with indicator and limited movement with spring return



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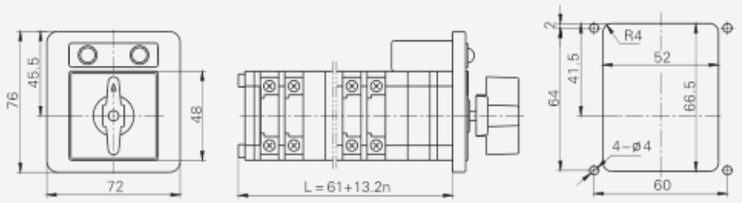
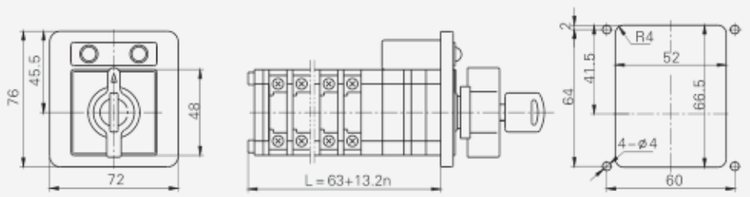
LW12 Series Rotary Switch

Dimensions and installation

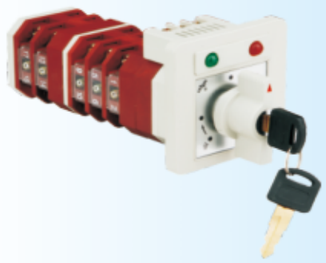
45° free space limited movement with spring return, and indicating light

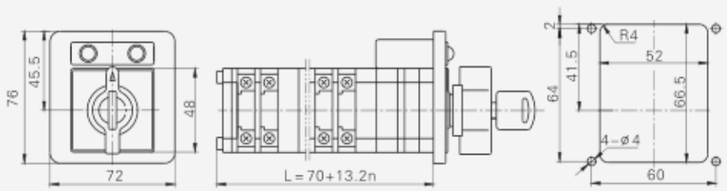


spring return with key-lock and indicating light,limited movement with spring return and key-lock and indicating llight



45Ÿfree space limited movement with spring return, key-lock and indicating light





Re: n for number of layers.

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LW15 Series Rotary Switch

Introduction

LW15 applied to change over of circuits, also for direct control of motors.

Technical parameters

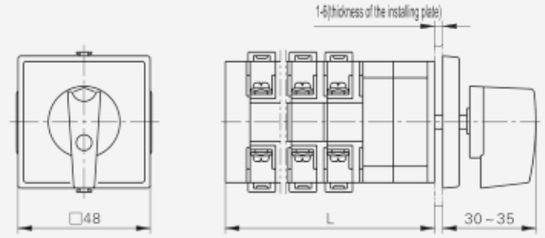
Description			LW15-16		
Rated thermal current	Ith			16	
Rated working voltage	Ue	V	240	250	380
Rated working current	Ie				
AC-15		A	6		6
DC-13		A		0.27	
AC-3		A			12
AC-4		A			10
Power	P				
AC-3		kW			5.5
AC-4		kW			4.5

Mechanical life

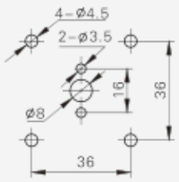
Mechanical life without load: $0.3x10^6$ times, operation frequency is 300 times/h

Mechanical life with load: AC-15, DC-13: $0.1x10^6$ times operation frequency is 300 times/h
AC-3, $0.1x10^6$ times operation frequency is 120 times/h
AC-4, $0.1x10^6$ times operation frequency is 120 times/h

Dimensions and installation



Limited movement: L=35+13n (n for number of layers)
Sping return: L=31.5+13n (n for number of layers)



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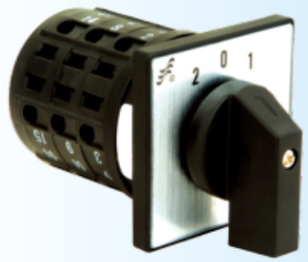
LW26D Series Rotary Switch



Introduction

LW26D applied to control of machine, for change over of circuits, as well as other circuits where a change over of circuits are required.

The LW26D has finger prove terminals, which provides extra protections.

Technical parameters

Rated thermal current	Ith	A	10	
Rated working voltage	Ue	V	240	380
Rated working current	Ie			
AC-15		A	2.5	1.5
DC-13		A	0.27	

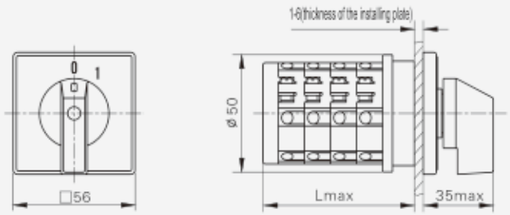
Mechanical life

Mechanical life without load: 0.3×10^{6} times, operation frequency is 300 times/h

Mechanical life with load: AC-15, DC-13: 0.1×10^{6} times operation frequency is 300 times/h

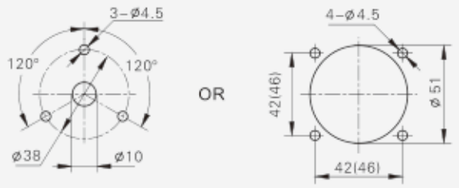
特征代号	操 动 器 位 置
A	0° 30°
B	30° 0° 30°
C	30° 0° 30° 60°
D	60° 30° 0° 30° 60°
E	60° 30° 0° 30° 60° 90°
F	90° 60° 30° 0° 30° 60° 90°
G	90° 60° 30° 0° 30° 60° 90° 120°
H	120° 90° 60° 30° 0° 30° 60° 90° 120°
I	120° 90° 60° 30° 0° 30° 60° 90° 120° 150°
J	150° 120° 90° 60° 30° 0° 30° 60° 90° 120° 150°
K	210° 240° 270° 300° 330° 0° 30° 60° 90° 120° 150° 180°

Dimensions and installation



Lmax=25+12n (n for number of layers.)

two installation dimensions, up to user's choice



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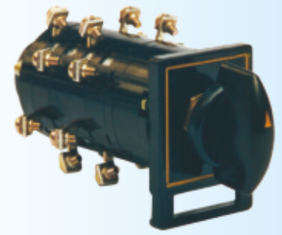
LWX1 LWX1B Series Rotary Switch



Introduction

LWX1,LWX1B applied to electrical equipment, and various power distribution equipment for remote control, as well as for control of instruments, and control of motors.

Technical parameters

Description			LWX1	LWX1B
Rated thermal current	Ith	A	5	5
Rated working voltage	Ue	V	220	220
Rated working current	Ie			
AC-15		A	0.5	0.5
DC-13		A	0.24	0.24

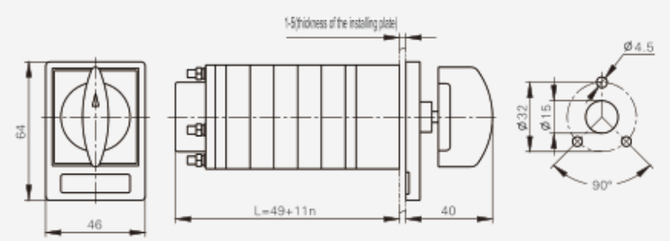
Mechnical life

Mechanical life without load: 0.1×10^{6} times, spring return is 0.05×10^{6} times, operation frequency is 120 times/h

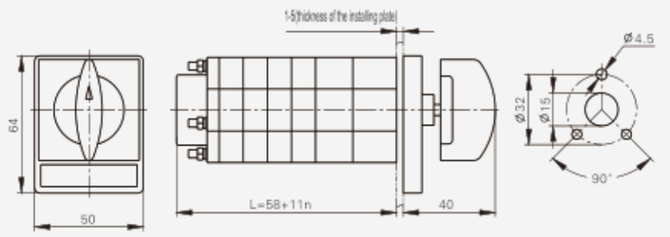
Mechanical life with load: AC-15: 0.03×10^{6} times operation frequency is 120 times/h
DC-13:0.01×10^{6} times operation frequency is 120 times/h

Dimensions and installation

LWX1



LWX1B



Re: n for number of layers.

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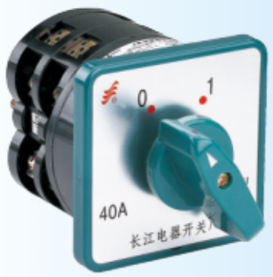
HZ5D Series Combination Switch



Introduction

HZ5D mainly used to the electrical circuit as the power switch, and as a kind of switch for controlling of motor, also change over of electrical circuits.

Technical parameters

Description		HZ5D-10	HZ5D-20	HZ5D-40
Rated working voltage	Ue V	440	440	440
Rated thermal current	Ith A	10	20	40
Rated working current	Ie A	4	8	16
Power	P kW	1.7	4	7.5

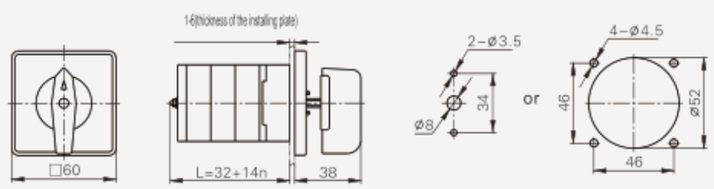
Mechnical life

Mechanical life without load: $0.1x10^6$ times, operation frequency is 120 times/h

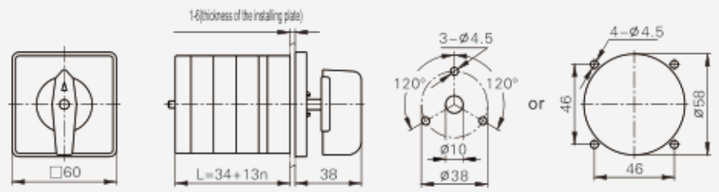
Mechanical life with load: AC-23A: $0.03x10^6$ times operation frequency is 120 times/h
AC-3:$0.03x10^6$ times operation frequency is 120 times/h
AC-4:$0.03x10^6$ times operation frequency is 120 times/h

Dimensions and installation

HZ5D-10



HZ5D-20



Re: n for number of layers.

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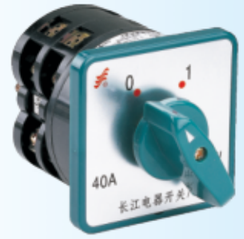
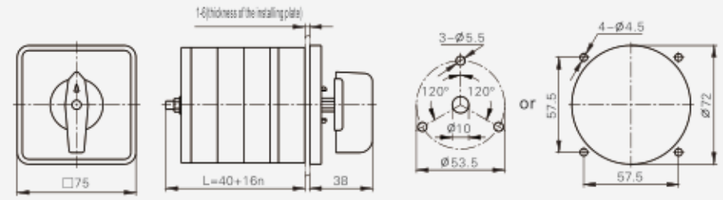
HZ5D Series Combination Switch

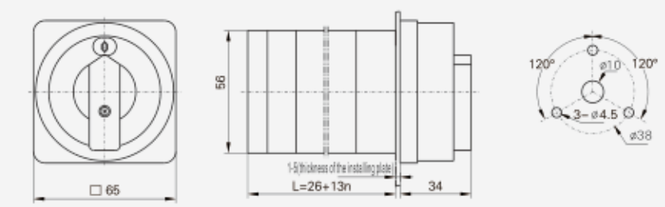


Dimensions and installation

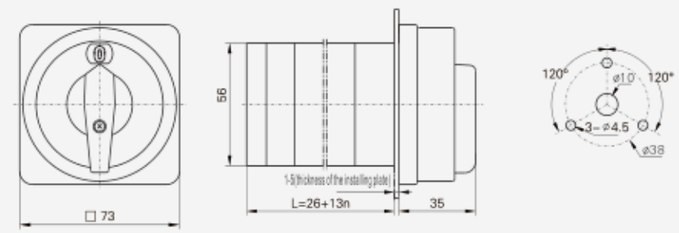
HZ5D-40



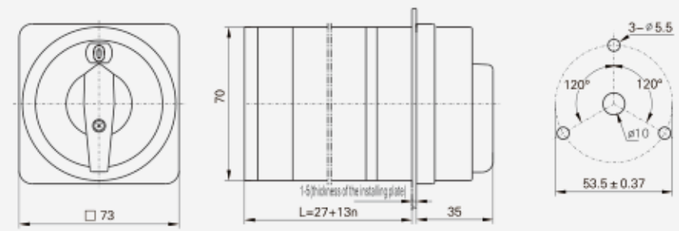
HZ5D-20GSA



HZ5D-20GSB



HZ5D-40GSB



Re: n for number of layers.

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HZ5B Series Combination Switch

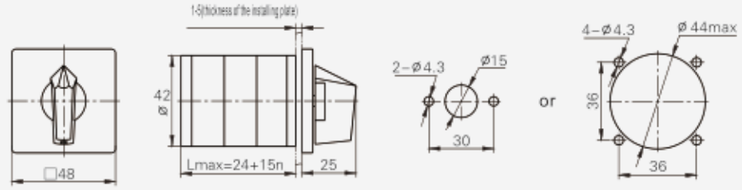
Introduction

HZ5B is the improved HZ5D, applied to control of motors.

Technical parameters

Rated thermal current	Ith A	10
Rated working voltage	Ue V	440
Rated working current	Ie A	10
Power	P kW	1.7

Dimensions and installation



Re: n for number of layers.

HZ5BGS-10 Series Pad-lock Type Switch

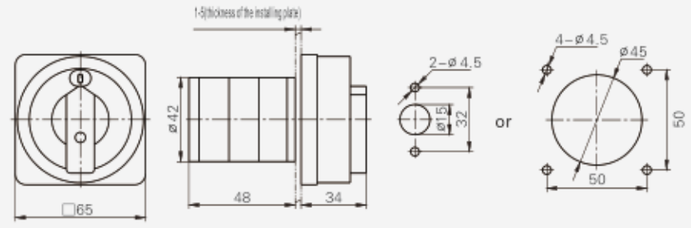
Introduction

HZ5BGS is the improved HZ5D, applied to control of motors.

Technical parameters

Rated thermal current	Ith A	10
Rated working voltage	Ue V	440
Rated working current	Ie A	10
Power	P kW	1.7
Operation	AC-22A	
Non-load		8500
Load		1500
Total		10 000

Dimensions and installation



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HZ10D-10

HZ10D-16

HZ10D-25

HZ10D-63

HZ10D-100

HZ10D Series Combination Switch

Introduction

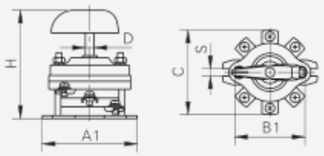
HA10D mainly used in the circuit for unfrequent manual closing, breaking resistive and inductive mixed load, also for the control of AC motors.

Technical parameters

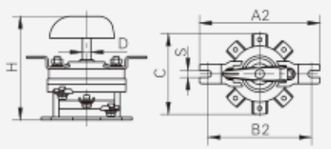
Description			HZ10D-10	HZ10D-16	HZ10D-25	HZ10D-63	HZ10D-100
Rated thermal current	Ith	A	10	16	25	63	100
Rated working voltage	Ue	V	240 440	240 440	240 440	240 440	240 440
Rated working current	Ie						
AC-3		A	3	4.3	6.3		
AC-20A/21A/22A		A	10	16	25	63	100
DC-20A/21A		A	10	16	25	63	100
Power	P	kW	1.1	1.5	2.2		
Operation	AC-22A						
Non-load			8500	8500	8500	8500	8500
Load			1500	1500	1500	1500	1500
Total			10000	10000	10000	10000	10000

Dimensions and installation

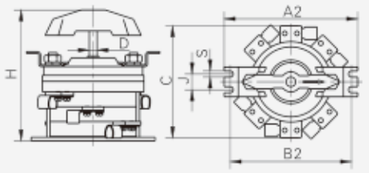
Before board



HZ10D-10ÿ25 Behind board



HZ10D-63ÿ100 Behind board



Description	Dimensions (mm)					Installation (mm)			
	A1	A2	H	D	C	B1	B2	S	J
HZ10D-10/1	65	86	62	ø6		55	74	5	--
HZ10D-10/2	65	86	68	ø6		55	74	5	--
HZ10D-10/3	65	86	74	ø6	~58	55	74	5	--
HZ10D-16/1	65	86	64	ø6		55	74	5	--
HZ10D-16/2	65	86	62	ø6		55	74	5	--
HZ10D-16/3	65	86	80	ø6	~63	55	74	5	--
HZ10D-25/2	100	114	98	ø8		90	100	6	--
HZ10D-25/3	100	114	108	ø8	~92	90	100	6	--
HZ10D-63/2	142	153	129	ø9		128	139	7	18
HZ10D-63/3	142	153	144	ø9	~154	128	139	7	18
HZ10D-100/3	142	153	152	ø9	~128	128	139	7	18

HZ12 Series Combination Switch

Introduction

HZ12 series combination switch have basic type, GS pad-lock type,

Key lock type, Inter lock type. Every type has normal and quick stop type.

Normal type use black plate and black knob.

Quick stop use the yellow plate and red knob.

Classification, model and code

HZ12-□/01

The basic type is for controlling the normal circuit.

Normal code for basic type:

HZ12-16/01、HZ12-25/01、HZ12-40/01

HZ12-□/02

Normal code for quick stop type:

HZ12-16/02、HZ12-25/02、HZ12-40/02

HZ12-□/03

The product dimension of 25A and 40A is the same

The installation dimension of 16A, 25A and 40A is the same

There is a terminal protection for all type

HZ12-□/04

The GS type switch applies to machine which requires a pad lock control on the switch

It enables the user to put a pad lock in breaking (0) position and closing (1) position

Normal code for quick stop switch:

HZ12-16/04、HZ12-25/04、HZ12-40/04

HZ12-□/05

The key lock type switch applies to machine which requires a key control on the switch

It locks the switch on breaking (0) position

Normal code for key lock type switch:

HZ12-16/05、HZ12-25/05、HZ12-40/05

HZ12 Series Combination Switch

Classification, model and code

HZ12-□/06

The GS inter lock type switch applies to machine which require pad lock control and together with a door inter lock.

Normal code of GS inter lock switch:

HZ12-16/08、HZ12-25/08、HZ12-40/08

The power must be turned off before opening the switch gear

And the inter lock release the switch once the door is opened,

and restore when the door is closed.

HZ12-□/07

The key inter lock type switch applies to machine which requires key control and together with a door inter lock.

Normal code for key inter lock type switch:

HZ12-16/09、HZ12-25/09、HZ12-40/09

The power must be turned off before opening the switch gear

And the inter lock release the switch once the door is opened,

and restore when the door is closed.

HZ12-□/08

HZ12-□/09

HZ12-□/10

Type of handle

Normal type | Quick stop type | GS normal type | Quick stop GS A type | Quick stop GS B type

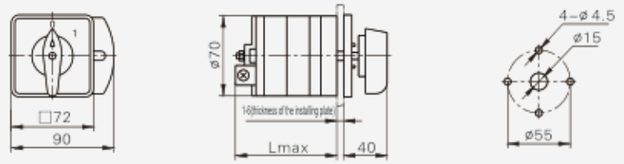
Technical parameters

Description		HZ12-16		HZ12-25		HZ12-40	
Rated thermal current	Ith A	16		25		40	
Rated working voltage	Ue V	240	440	240	440	240	440
Rated working current	Ie						
AC-3	A		11		15		30
AC-15	A	8	6	12	8	22	12
AC-23	A		11		15		30
AC-21	A		16		25		40

HZ12 Series Combination Switch

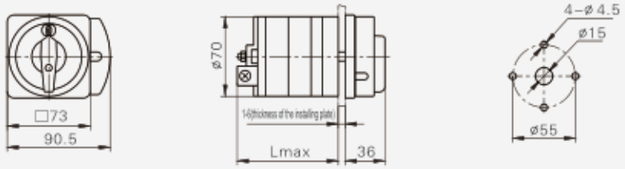
Dimensions and installation

HZ12-□/01、HZ12-□/02



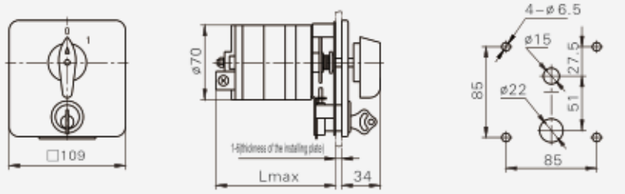
Description	Lmax (mm)
HZ12-16	86
HZ12-25	89
HZ12-40	89

HZ12-□/03、HZ12-□/04



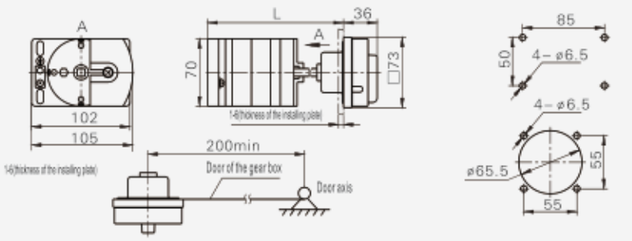
Description	Lmax (mm)
HZ12-16	86
HZ12-25	89
HZ12-40	89

HZ12-□/05、HZ12-□/06



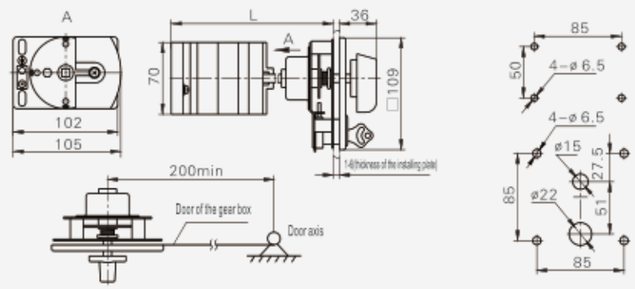
Description	Lmax (mm)
HZ12-16	107
HZ12-25	110
HZ12-40	110

HZ12-□/07.1~5、HZ12-□/08.1~5



Description	Lmax (mm)
HZ12-□/07.1 HZ12-□/08.1	145~149
HZ12-□/07.2 HZ12-□/08.2	170~174
HZ12-□/07.3 HZ12-□/08.3	195~199
HZ12-□/07.4 HZ12-□/08.4	220~224
HZ12-□/07.5 HZ12-□/08.5	245~249

HZ12-□/09.1~5、HZ12-□/10.1~5

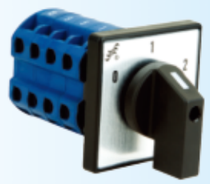


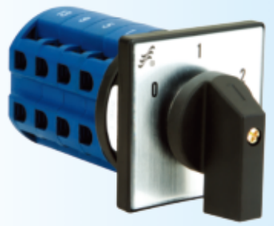
Description	Lmax (mm)
HZ12-□/09.1 HZ12-□/10.1	168~171
HZ12-□/09.2 HZ12-□/10.2	193~196
HZ12-□/09.3 HZ12-□/10.3	218~221
HZ12-□/09.4 HZ12-□/10.4	243~246
HZ12-□/09.5 HZ12-□/10.5	268~271

HZ25D Combination Switch

Introduction

HZ25D mainly used in the electrical circuit for the power switch and control of motor, also for change over of electrical circuits.





Technical parameters

Description			HZ25D-10	HZ25D-20	HZ25D-40
Rated working voltage	Ue	V	440	440	440
Rated thermal current	Ith	A	10	20	40
Rated working current	Ie	A	4	8	16
Power	P	kW	1.7	4	7.5

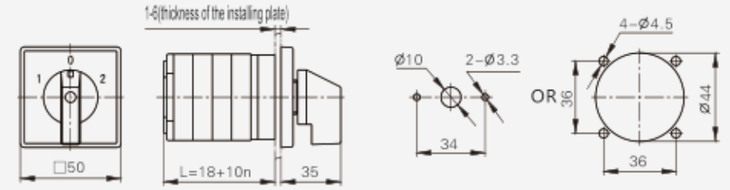
Mechnical life

Mechanical life without load: 0.1×10^6 times, operation frequency is 120 times/h

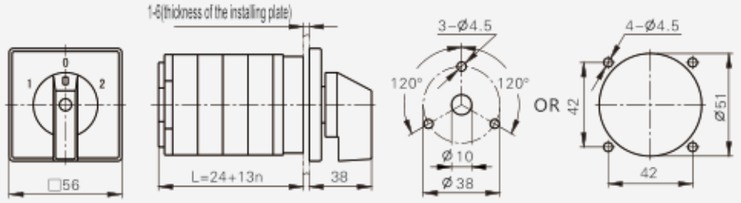
Mechanical life with load: AC-23A: 0.03×10^6 times operation frequency is 120 times/h
AC-3:0.03×10^6 times operation frequency is 120 times/h
AC-4:0.03×10^6 times operation frequency is 120 times/h

Dimensions and installation

HZ25D-10



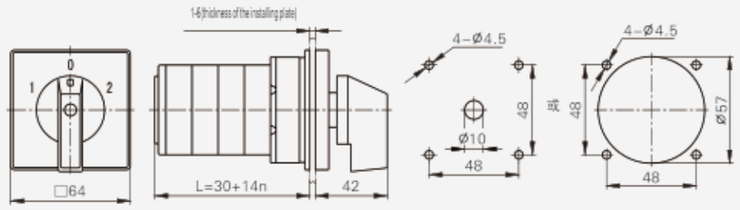
HZ25D-20



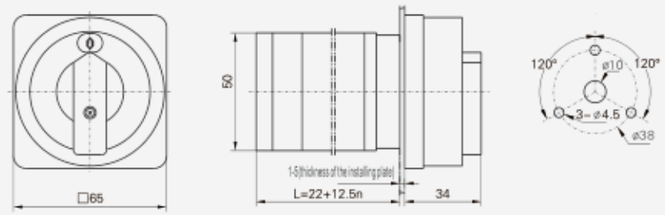
HZ25D Combination Switch

Dimensions and installation

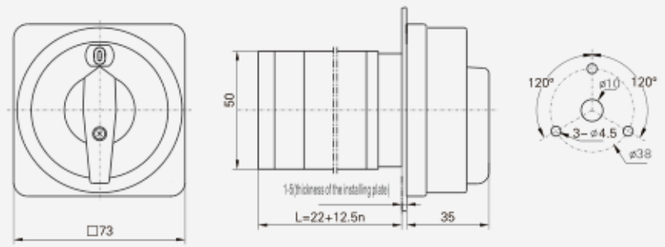
HZ25D–40



HZ25D–20GSA



HZ25D–20GSB



Re: n for number of layers.

Flame-proof switch

Designation

BK 10 –□/□·□
- Numbers of layer
- Code for contact diagram
- Rated thermal current
- Product code
- Flame-proof switch

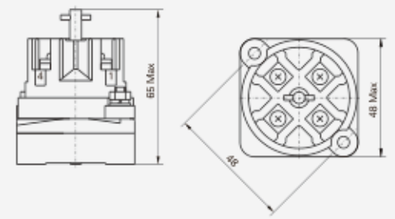
BZ Z1–25/□·□
- Numbers of layer
- Code for contact diagram
- Rated thermal current
- Product code
- Flame-proof switch

Technical parameters

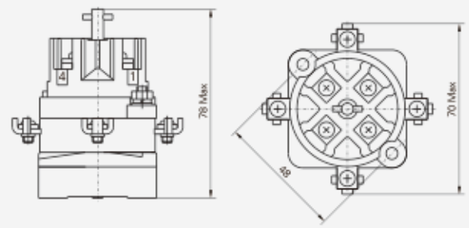
Description			BK10–10/1		BK10–10/2		BZZ1–25	
Rated thermal current	Ith	A	10		16		25	
Rated working voltage	Ue	V	220	380	220	380	220	380
Rated working current	Ie							
AC–15		A	6	10	16	10	25	15
DC–13		A	0.8		1.2		2	

Dimensions and installation

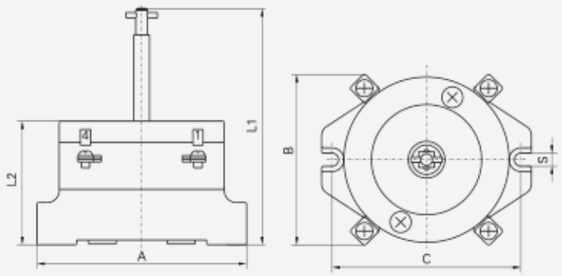
BK10–10/1



BK10–10/2



BZZ1–25



Description	A	B	C	L1	L2	S
BZZ1–25/1	80	65	72	91	48	5
BZZ1 –25/2	80	79	72	109	66	5
BZZ1–25/3	80	79	72	127	84	5

Flame-proof switch

Description of product code

A

C \ P	45°	135°
1~2		☒
3~4		☒

2 Position
ON-OFF

B

C \ P	45°	135°
1~2	☒	
3~4		☒

2 Position
Auto-Man

C

C \ P	45°	90°	135°
1~2	☒		
3~4			☒

3 Position
Auto-Off-Man

D

C \ P	45° →	90°	135° ←
1~2		☒	☒
3~4			☒

NONC
Auto-reset

E

C \ P	45°	90°	135°
1~2			☒
3~4		☒	☒

Same to D
add lock-stop position
which will open the NC

F

C \ P	45° →	90°	135° ←
1~2	☒		
3~4			☒

2 pairs of NO
Auto-reset

G

C \ P	45°	135°
1~2		☒
3~4		☒
5~6		☒
7~8		☒

Switch for
Miniwatt SMPS

H

C \ P	45°	90°	135°
1~2			☒
3~4			☒
5~6	☒		
7~8	☒		

Change over switch

I

C \ P	0°	45°	90°	135°
1~2	☒			
3~4		☒		
5~6			☒	
7~8				☒

Change over switch

J

C \ P	45°	90°	135°
1~2	☒	☒	
3~4	☒		☒
5~6		☒	
7~8			☒

Change over switch

K

C \ P	0°	45°	90°	135°
1~2	☒		☒	
3~4	☒		☒	
5~6		☒		☒
7~8		☒		☒

Double control switch

L

C \ P	45°	90°	135°
1~2	☒		
3~4			☒
5~6	☒		
7~8			☒

Two-wire by manual
Off by Auto

M

C \ P	0°	45°	90°	135° ←
1~2				☒
3~4				☒
5~6	☒		☒	

3 Position
Auto-Man-St
Auto-reset when start
Should pass the stop position
when turn to the Auto position

N

C \ P	0°	45°	90°	135°
1~2				☒
3~4		☒	☒	☒
5~6		☒		

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