

HW30 Rotary Switch



HW30-20、32



HW30-40、63



HW30-80、100

Introduction

HW30 rotary switches series have six models,current rating up to 100A,suitable for wide variety of applications

HW30 rotary switches series widely control:50Hz AC,under 400V and 100A aircondition,water pump and electromotor and so on.

HW30 rotary switches series have six current ratings:20A,32A,40A,63A,80A and 100A,HW30 series has the fingerproof terminals,which offered extra advantage,HW30 rotary switches series exllence:insulated distance is larger than others,disconnecting quickly apply for DC switch,HW30 rotary switches series comply with:IEC 60947-3

Working conditions

- 1) Ambient temperature do not exceed 40°C,and the average temperature ,measured over a period of 24 hours,do not exceed 35°C
- 2) Ambient temperature do not less than -5°C
- 3) Should not be installed above 2000m above sea level
- 4) A clean environment was required.

Current type:50HZ AC

Number of main contact:on or off

Mechanism life:10000 times/AC-23,6000 times/AC-3

Frequency:1 times/2 minutes

Classification

1.Classified by utilization

1) AC-23A

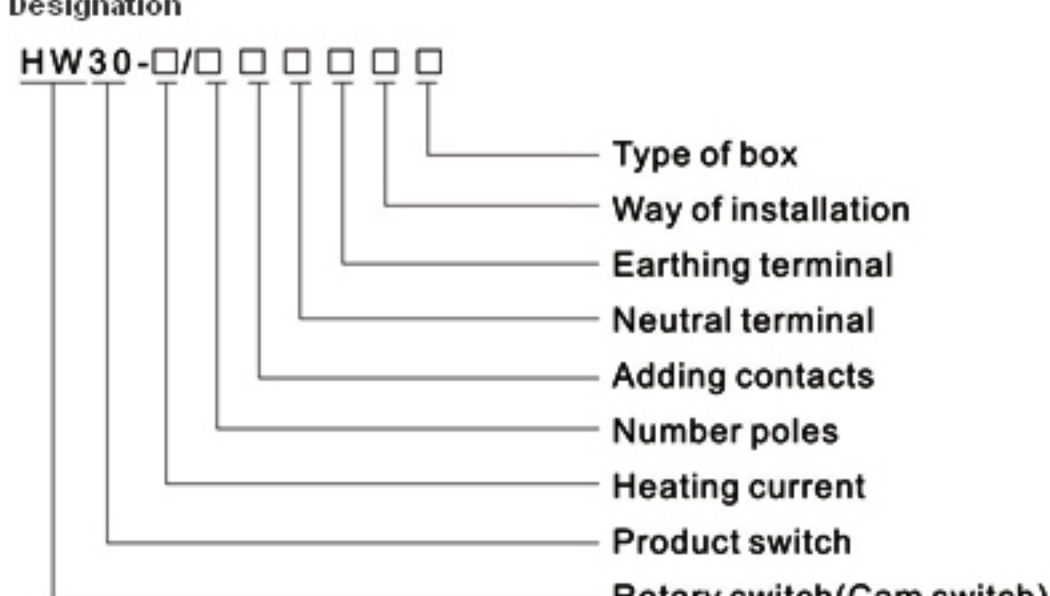
2) AC-3

2.Classified by defending level

1) Without by defending box:IP2L0

2) With plastic box:IP65

Designation



Accessorial code:

Number poles:1P,2P,3P,4P,5P

Adding contacts:0 not order it ,1 order it

Earthing terminal:0 not order it ,1 order it

Neutral terminal:0 not order it ,1 order it

Way of installation:1 pad-lock escutcheon plate

2 escutcheon plate

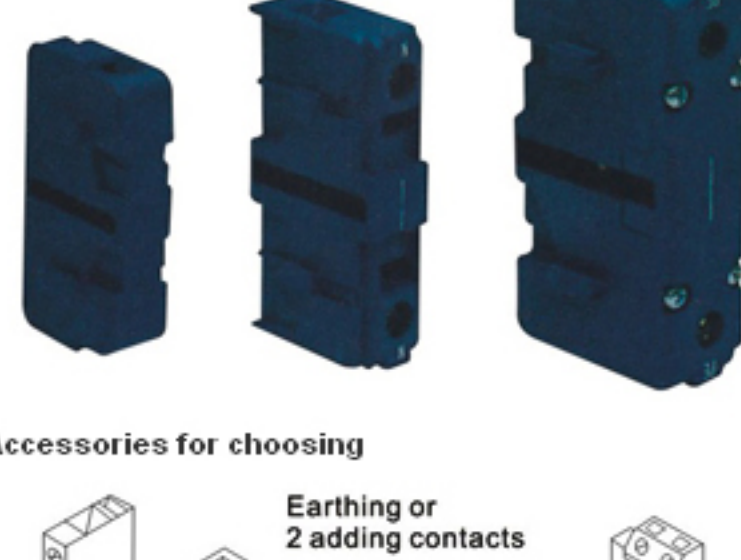
3 Doorlock safety switch

4 Doorlock safety switch with padlock system

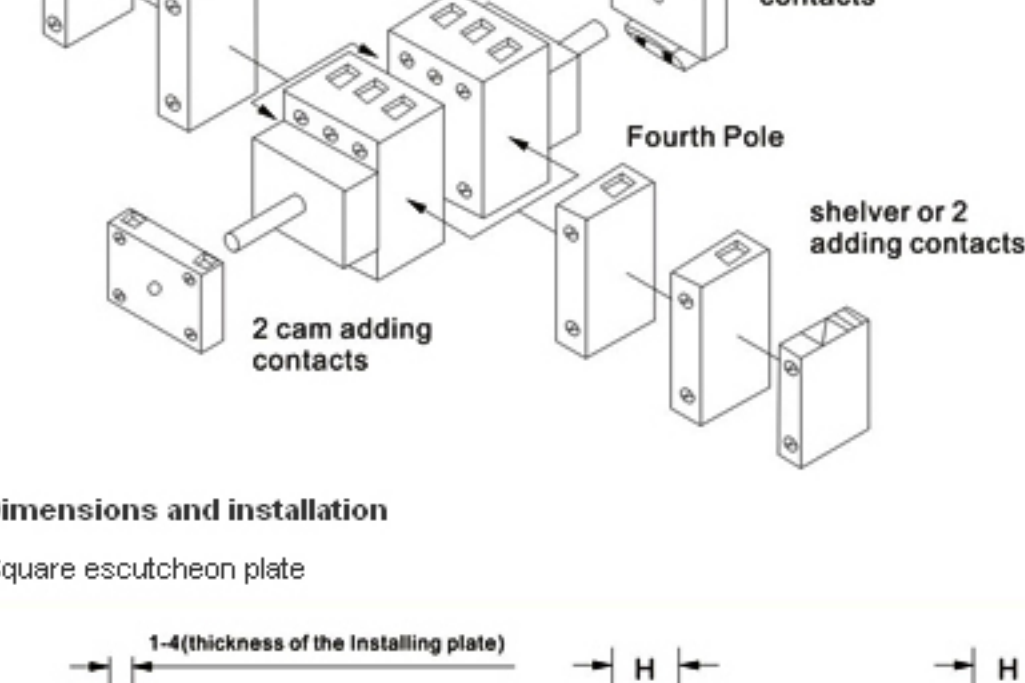
Type of box:0 Not order it ,1 order IP65 plastic box

Type		HW30-20	HW30-32	HW30-40	HW30-63	HW30-80	HW30-100
Rated insulation voltage Ui	V	HW30-20	HW30-32	HW30-40	HW30-63	HW30-80	HW30-100
Rated thermal current Ith	A	HW30-20	HW30-32	HW30-40	HW30-63	HW30-80	HW30-100
Rated working current Ie AC-23 AC-3	A	15	22	30	43	57	70
	A	11	15	22	36	43	57
Rated working voltage Ue	V	240 440	240 440	240 440	240 440	240 440	240 440
Power P AC-23 AC-3		4 7.5	5.5 11	7.5 15	11 22	18.5 30	22 37
	kW						
	kW	3 7.5	4 7.5	7.5 11	11 18.5	15 22	18.5 40
Rated short current Icw/s	A	180	264	360	516	684	840
Rated limit current							
Type of fuse	kA	RL6-25/20	RL6-63/65	RL6-63/50	RL6-63/63	RL6-100/80	RL6-100/100
Rated short current		10	10	25	25	25	25

Auxiliary contact

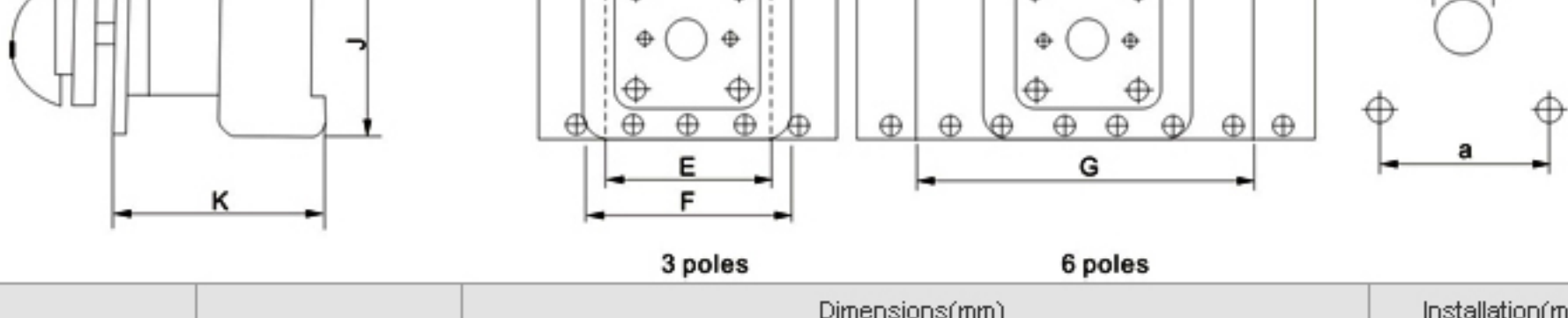


Accessories for choosing



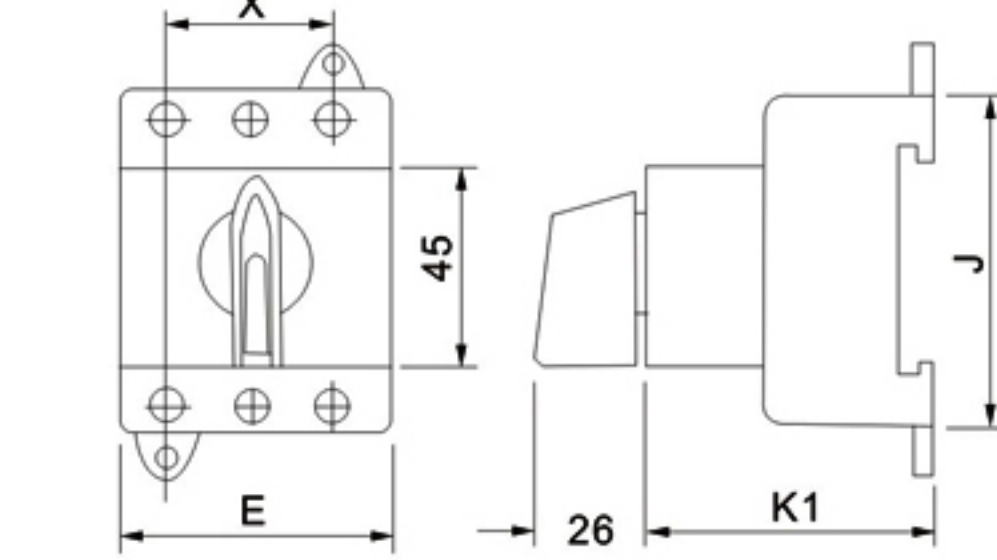
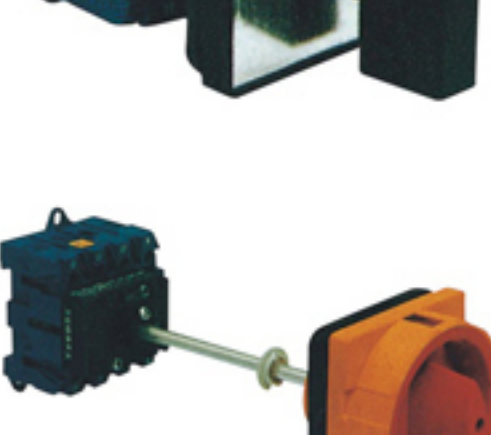
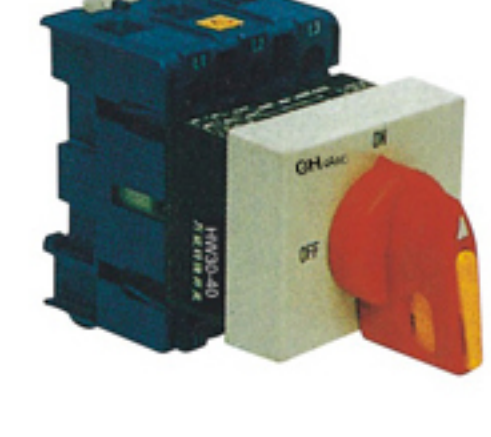
Dimensions and installation

Square escutcheon plate



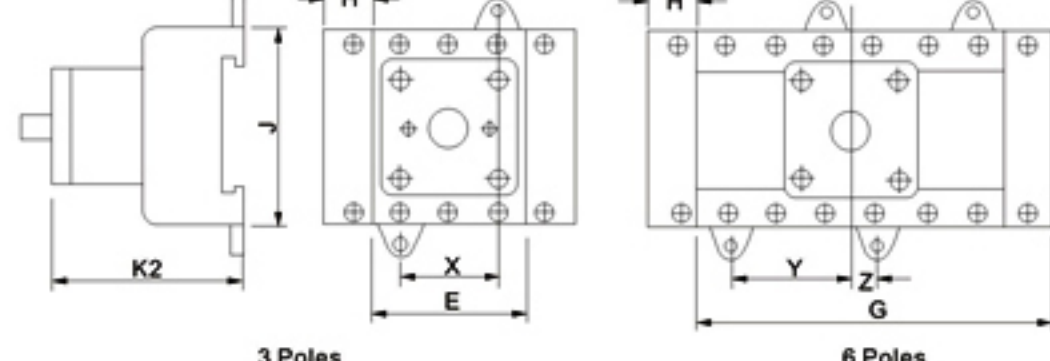
Type	Escutcheon plate	Dimensions(mm)							Installation(mm)		
		E	F	G	H	J	K		a	d1	d2
HW30-20/3	M1	42	48	--	13.5	54	61		36	9	4.2
	M2	42	64	--	13.5	54	61		48	9	4.2
HW30-32/3	M1	42	48	--	13.5	54	61		36	9	4.2
	M2	42	64	--	13.5	54	67		48	20	4.2
HW30-40/3	M1	50	48	--	16	64	67		36	9	4.2
	M2	50	64	--	16	64	67		48	20	4.2
HW30-63/3	M1	50	48	--	16	64	67		36	9	4.2
	M2	50	64	--	16	64	67		48	20	4.2
HW30-80/3	M2	70	64	--	22.5	80	82		48	20	4.2
	M3	70	88	--	22.5	80	82		68	20	5.2
HW30-100/3	M3	70	88	--	22.5	80	82		68	20	5.2
HW30-20/6	M2	--	64	84	13.5	54	61		48	20	4.2
HW30-32/6	M2	--	64	84	13.5	54	61		48	20	4.2
HW30-40/6	M2	--	64	100	16	64	67		48	20	4.2
HW30-63/6	M2	--	64	100	16	64	67		48	20	4.2
HW30-80/6	M3	--	88	140	22.5	80	82		68	20	5.2
HW30-100/6	M3	--	88	140	22.5	80	82		68	20	5.2

Dimensions and installation bottom installation



Bottom

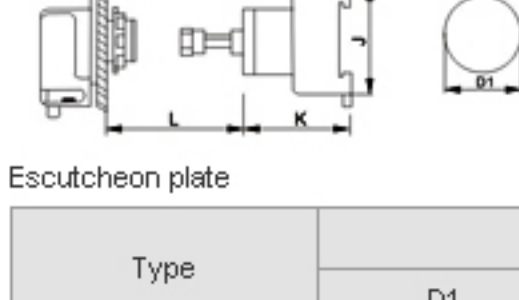
Installation and accessory



Type	Escutcheon plate	Dimensions(mm)							Installation(mm)		
		E	G	H	J	K1	K2		X	Y	Z
HW30-20/3	M1	42	--	13.5	54	50	50		22	--	--
	M2	42	--	13.5	54	--	50		22	--	--
HW30-32/3	M1	42	--	13.5	54	50	50		22	--	--
	M2	42	--	13.5	54	--	50		22	--	--
HW30-40/3	M1	50	--	16	64	59	61		25	--	--
	M2	50	--	16	64	--	61		25	--	--
HW30-63/3	M1	50	--	16	64	59	61		25	--	--
	M2	50	--	16	64	--	61		25	--	--
HW30-80/3	M2	70	--	22.5	80	65	68		25	--	--
	M3	70	--	22.5	80	--	68		25	--	--
HW30-100/3	M3	70	--	22.5	80	--	68		25	--	--
HW30-20/6	M2	--	84	13.5	54	--	50		--	53	11
HW30-32/6	M2	--	84	13.5	54	--	50		--	53	11
HW30-40/6	M2	--	100	16	64	--	61		--	63	12.5
HW30-63/6	M2	--	100	16	64	--	61		--	63	12.5
HW30-80/6	M3	--	140	22.5	80	--	68		--	83	12.5
HW30-100/6	M3	--	140	22.5	80	--	68		--	83	12.5

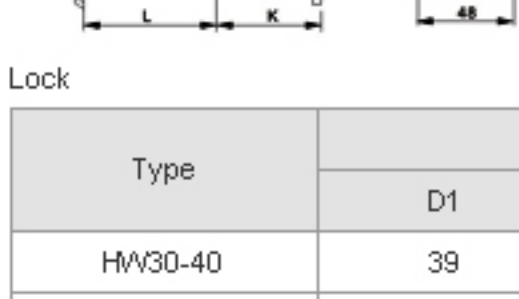
Installation of doorlock safety switch pad-lock

Type	Type			
	D1	K	Lmin	Lmax
HW30-20	30.5	50	21	100
HW30-32	30.5	50	21	100
HW30-40	30.5	61	22	100
HW30-63	30.5	61	22	100
HW30-80	30.5	68	23	100
HW30-100	30.5	68	23	100



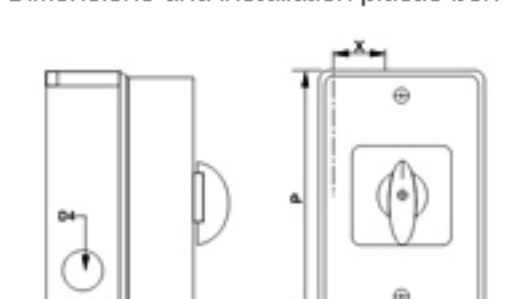
Escutcheon plate

Type	Type			
	D1	K	Lmin	Lmax
HW30-20	22	50	32	118
HW30-32	22	50	32	118
HW30-40	22	61	32	118
HW30-63	22	61	32	118
HW30-80	22	68	32	118
HW30-100	22	68	32	118



Lock

Type	Type			
	D1	K	Lmin	Lmax
HW30-40	39	61	61.6	118
HW30-63	39	61	61.6	118
HW30-80	39	68	61.5	118
HW30-100	39	68	61.5	118



Dimensions and installation plastic box

