

Combination Switch

HZ12 Combination Switch (Power Cut-out Switch)



1. General

HZ12 series of power cut-out switch is applicable to the AC circuit with the voltage not more than 550V/50Hz (or 60Hz) as power on and power off and switching of AC motor and variable piezoelectric inductive load.
Standard: GB 14048.3 IEC 60947-3.

2. Type designation

HZ 12-□/□-□

- Interlock length code of padlock (bang mortice lock) interlocking switch
- Type code
- Conventional thermal current
- Design sequence No.
- Combination switch

3. Technical data

Type	Ith(A)	Ui(V)	Ue(V)	Ie(A)	Mechanical life (Times)	Electric life (Times)	Operating frequency (Times)
HZ12-16	16	550	380	10	3×10 ⁴	1×10 ⁴	300
			550	6			
HZ12-25	25	550	380	25			
			550	12			
HZ12-40	40	550	380	40			
			550	16			

Note: Lock life: 0.1 X⁴ 10

4. Others

4.1 Category

Conventional thermal current: 16A, 25A, 40A

See following Table for applications and structure types:

Ordinary type

Type	Name	Application
HZ12-□/01	Base-type power cutout switch	It is applicable to switching on and switching off of sub-circuit and ordinary circuit.
HZ12-□/03	Padlock-type power cutout switch	It is applicable to general power switch of machine tool; interlock switches and actuators interlocked with electric cupboard door can be locked when cutting off the power (namely they can be locked when the gear is "0").
HZ12-□/05	Mortice lock interlocking power cutout switch	
HZ12-□/07.1~□	Padlock interlocking power cutout switch	
HZ12-□/09.1~□	Mortice lock type power cutout switch	

Scram type

Type	Name	Application
HZ12-□/02	Base-type power cutout switch	It is applicable to switching on and switching off of sub-circuit and ordinary circuit.
HZ12-□/04	Scram padlock type power cutout switch	It is applicable to emergency cut-off of equipment and switches with locks. interlock switches and actuators interlocked with electric cupboard door can be locked when cutting off the power(namely they can be locked when the gear is "0").
HZ12-□/06	Scram mortice lock interlocking power cutout switch	
HZ12-□/08.1~□	Scram padlock interlocking power cutout switch	
HZ12-□/10.1~□	Scram mortice lock type power cutout switch	

Fuses, Travel Switches, Universal Change-over Switches, Connection Terminals

Combination Switch

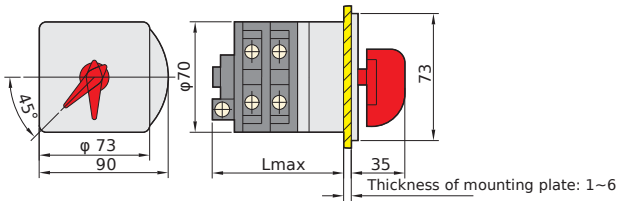
4.2 See the following Table for interlock length of padlock interlocking power switch:

Type				Lmax	L	Code
HZ12-16/01	HZ12-16/02	HZ12-16/03	HZ12-16/04	84		A
HZ12-25/01	HZ12-25/02	HZ12-25/03	HZ12-25/04	87		B
HZ12-40/01	HZ12-40/02	HZ12-40/03	HZ12-40/04	87		B
	HZ12-□/07.1		HZ12-□/08.1		145-149	C
	HZ12-□/07.2		HZ12-□/08.2		170-174	D
	HZ12-□/07.3		HZ12-□/08.3		195-199	E
	HZ12-□/07.4		HZ12-□/08.4		220-224	F
	HZ12-□/07.5		HZ12-□/08.5		245-249	G

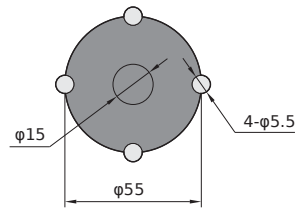
Note: Different power switches with various lengths of shafts have different interlock lengths (L).

5. Overall and mounting dimensions

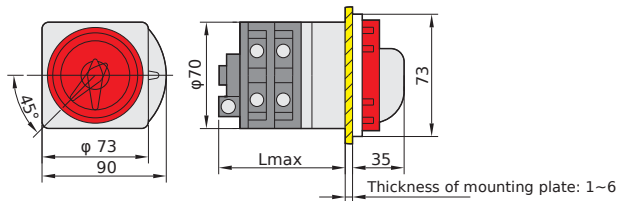
Base power switch Dimensions



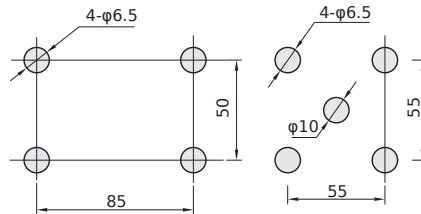
Base and padlock interlocking power switch mounting dimensions



Padlock power switch Dimensions



The padlock interlock power switch mounting dimensions



The padlock interlock power switch Dimensions

