



HH15/QSA Fuse-switch Disconnecter

1. General

1.1 Application

Mainly used in the distributing and motor circuit which has high short-circuit current, and acted as main switch or master switch infrequently operated by hand, it is particularly suitable in the relative high class with drawable low voltage complete equipment. They provide safety isolation and protection against overcurrent for any low voltage electrical circuit.

1.2 Standard: IEC/EN 60947-3.

1.3 General characteristic

Full-enclosed structure
Unique rolling insert type contact system.

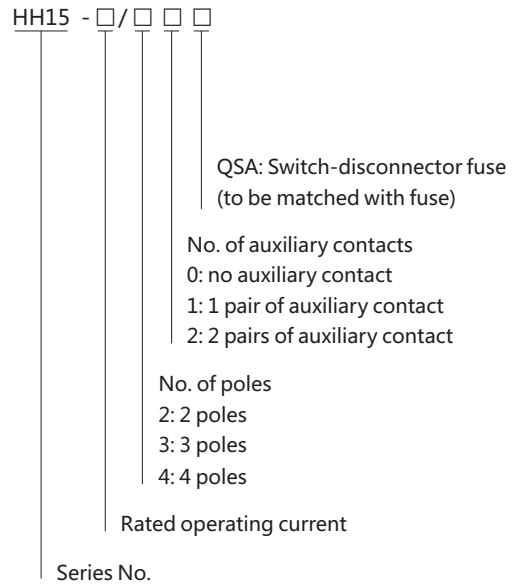
Note: This switch should be used with RT36 (NT,RT16) or RT20 series fuses provided by the user. This switch may only be operated outside the cabinet.

2.2 Technical data

Specification	HH15-63	HH15-125	HH15-160	HH15-250	HH15-400	HH15-630	HH15-800	HH15-1000	HH15-1250	
No. of poles	3, 4, 3+N						3, 4			
Rated insulating voltage Ui(V)	Ue=400V,Ui=690V.Ue=690V,Ui=1000V.						800V			
Rated operating voltage Ue(V)	AC400						AC415			
	AC690						AC690			
Conventional thermal current(A)	63	125	160	250	400	630	800	1000	1250	
Rated operating current(A)	400V:AC-23B/415V:AC-22B	63	125	160	250	400	630	800	1000	1250
	690V:AC-23B/690V:AC22B	63	100	160	250	315	425	500	500	500
Rated Limiting Short-circuit current 400V/H(kA)	100	100	100	100	100	100	100	100	100	
Rated Limiting Short-circuit current when 690V(kA)	50	50	50	50	50	50	50	50	50	
Mechanical life	15000	15000	12000	12000	12000	3000	500	500	500	
Electric Life	1000	1000	300	300	300	200	100	100	100	
Rated current of fuse 400V/690V(A)	63/63	125/100	160/160	250/250	400/315	630/425	800/500	1000/630	1250/800	

2. Type designation

2.1 Ordering information



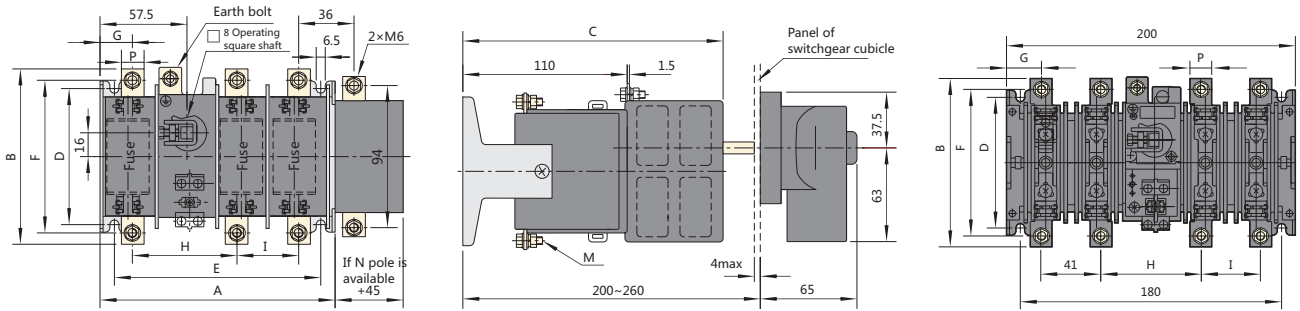
Note: User should order RT(NT) series additional to assemble a switch-disconnector fuse



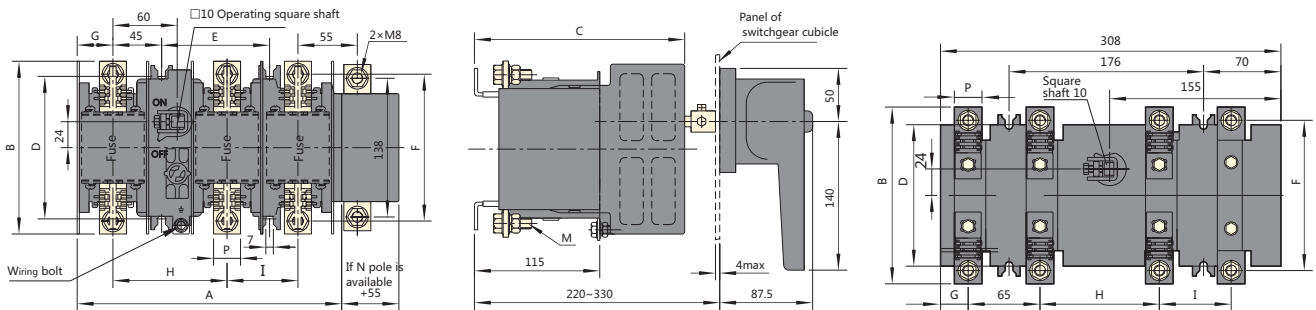
Specification		HH15-63	HH15-125	HH15-160	HH15-250	HH15-400	HH15-630	HH15-800, 1000, 1250
Model of fuse	400V/415V	RT16-00	RT16-00	RT16-00	RT16-1	RT16-2	RT16-3	HDLRS3
		RT20	RT20	RT20	RT20	RT20	RT20	
		NT00	NT00	NT00	NT1	NT2	NT3	
	690V	RT16-00	RT16-00	RT16-00	RT16-1	RT16-2	RT16-3	HDLRS3
Operating torque (N·m)		7.5	7.5	16	16	16	30	40
Conventional thermal current of auxiliary contact Ith 400, AC-15(A)		5	5	5	5	5	5	5

2.3 Dimension (mm)

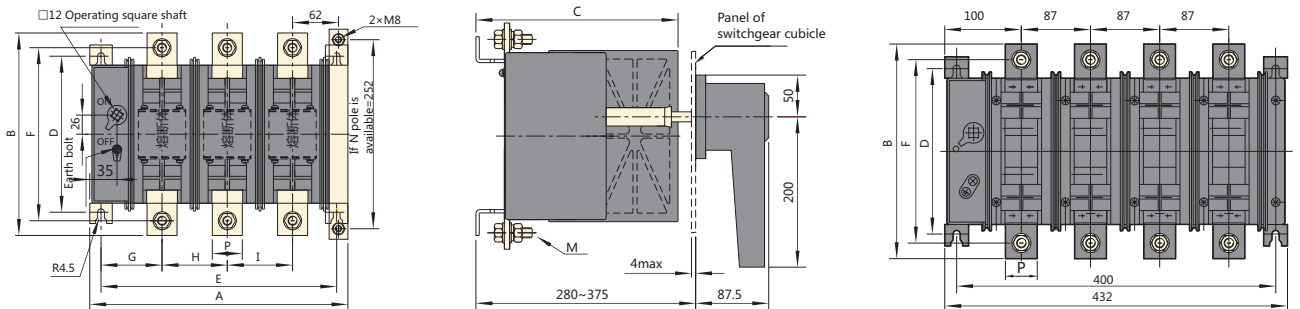
HH15-63, 125/QSA

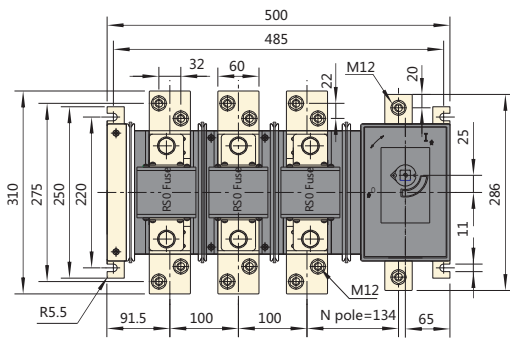
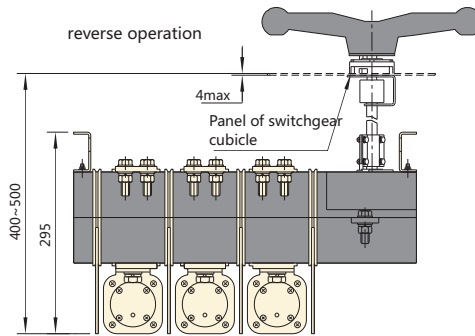
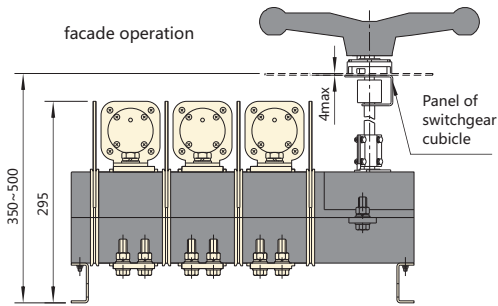


HH15-160, 250, 400/QSA

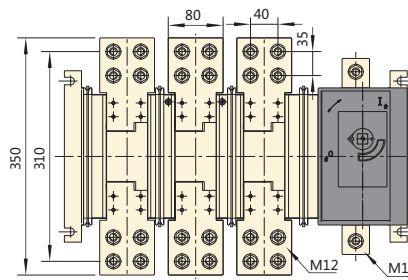


HH15-630/QSA





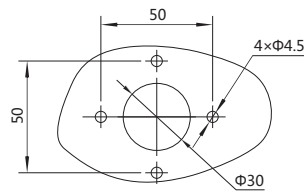
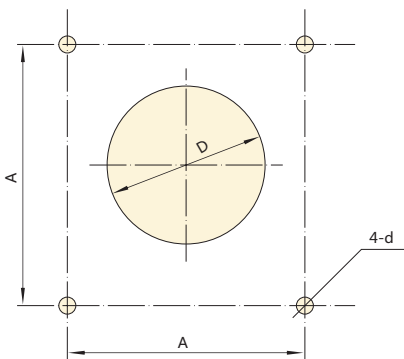
800~1000A



1250A

Specification	A	B	C	D	E	F	G	L1	L2
HH15-63	155±1.25	100±1.10	175±1.25	90±0.75	135±1.25	88±1.10	M5	165~225	165~385
HH15-125	155±1.25	116±1.10	175±1.25	90±0.75	135±1.25	101±1.10	M6	165~225	160~385
HH15-160	240±1.45	146±1.25	178±2.0	130±1.25	100±1.1	126±1.25	M8	220~270	220~390
HH15-250	240±1.45	160±1.25	198±2.3	130±1.25	100±1.1	135±2.0	M10	220~270	220~390
HH15-400	240±1.45	160±1.25	198±2.3	130±1.25	100±1.1	135±2.0	M10	220~270	220~390
HH15-630	345±1.8	270±2.6	242±2.6	208±1.6	315±1.6	230±2.3	M12	250~265	250~529

2.4 Boring dimension



HH15-800~1250/QSA
Opening size of the handle mounting panel

Specification	A	D	d
HH15-63, 125/QSA	65±0.2	$\Phi 42 \begin{smallmatrix} +4 \\ 0 \end{smallmatrix}$	$\Phi 4.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$
HH15-160~630/QSA	88±0.2	$\Phi 63 \begin{smallmatrix} +2 \\ 0 \end{smallmatrix}$	$\Phi 5.5 \begin{smallmatrix} +0.5 \\ 0 \end{smallmatrix}$

