



NHR17 Fuse-Switch Disconnecter

1. General

- 1.1 NHR17 series fuse-switch disconnecter is a new product developed by our company. Rated insulation voltage up to 800V. rated operational voltage up to 690V. rated operational current up to 630A, rated frequency 50Hz, in the distribution circuit and motor circuit which has high short-circuit current as the power switch, isolating switch, emergency switch as well as circuit protection, but normally it is not used to make and break a single motor directly.
- 1.2 Standard: IEC/EN 60947-3.

2. Type designation

NHR17 - □ / □ □

1: With micro-gap switch
0: Without micro-gap switch

No. of poles

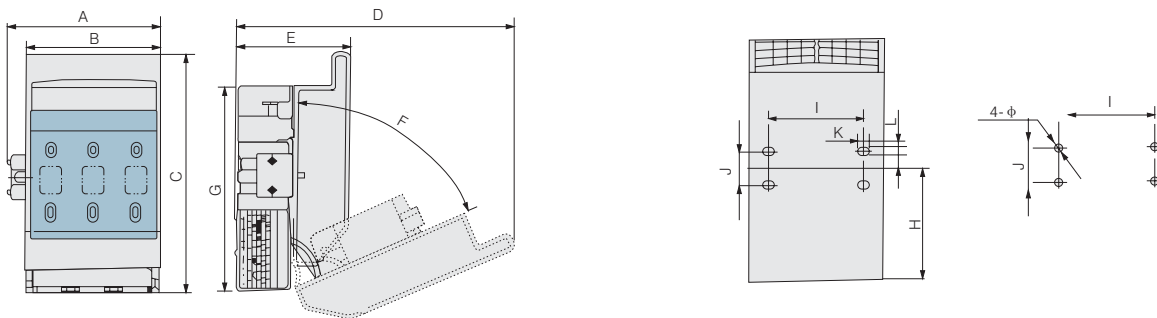
Conventional thermal current

Series No.

3. Primary parameters

Conventional thermal current(A)		63(32)	160	250	400	630
Rated insulation voltage V		800				
Rated current A	690V AC21	32、63	160	250	400	630
	400V AC22	32、63	160	250	400	630
	400V AC23	-	160	250	400	630
	690V AC21	-	160	250	400	630
	690V AC22	-	100	200	315	425
	690V AC23	-	100	160	315	315
	Operating force N		≤120	≤250	≤350	≤350
Associated fuse	Model	RT19-125	NT00、RT16-00	NT1、RT16-1	NT2、RT16-2	NT3、RT16-3
	Rated current of matched fuse in 400V (breaking capacity)	20, 25, 32, 35,40, 50, 63 (≥20kA)	20, 25, 32, 35, 40, 50, 63, 80, 100, 125,160 (≥100kA)	80, 100, 125, 160,200, 224, 250 (≥100kA)	125,160, 200, 224, 250, 300, 315, 355,400 (≥100kA)	315, 355, 400, 425, 500, 630 (≥100kA)
	Rated current of matched fuse in 690V (breaking capacity)	-	20, 25, 32, 35, 40, 50, 63, 80,100 (≥50kA)	80, 100, 125, 160, 200 (≥50kA)	125, 160, 200, 224, 250, 300, 315(≥50kA)	315, 355, 400, 425 (≥50kA)

4. Overall and mounting dimensions (mm)



Specification	A	B	C	D	E	F	G	H	I	J	K	L	φ
63(32)/2	-	75	135	165	77	70°	120	72	-	104	-	-	6
63(32)/3	-	105	135	165	77	70°	120	72	31	104	-	-	6
63(32)/3	-	150	135	165	77	70°	120	72	75	104	-	-	6
160/3	123	106	186	215	90	66°	160	86	74	25	9.5	6.5	-
250/3	196	184	266	240	118	70°	230	125	114	50	25	9	-
400/3	260	250	330	390	145	72°	295	155	150	50	-	-	9
630/3	260	250	330	390	145	72°	295	155	150	50	-	-	9

