

NHR17 Fuse-Switch Disconnecter

1. GENERAL

1.1 FHR17 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

FHR - □ / □ □

Series No.

Conventional thermal current

No. of poles

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

3. Technical data

Conventional thermal current(A)		160	250	400	630
Rated insulation voltage V					
Rated current A	690V AC21	160	250	400	630
	400V AC22	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		≤250	≤350	≤350
Associated fuse	Model	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, 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)

Product model	Model, size and specification of applicable fuse link	Rated insulation Voltage (V)	Overall dimension (mm)			
			A	B	C	D
FHR17-160	NT00/00C NH00 00C RT16-00/000	690	108	200	83	205
FHR17-250	NT1 NH1 RT16-1	690	185	247	110	295
FHR17-400	NT2 NH2 RT16-2	690	210	290	125	340
FHR17-630	NT3 NH3 RT16-3	690	256	300	145	360

