

YCHR17


Fuse-switch disconnecter

OPERATION INSTRUCTION

Standard: IEC/EN 60947-3

CNC

Deliver
Power For Better Life

-  Before installing and using this product, please read this manual carefully and pay more attention to safety.

YCHR17

Fuse-switch disconnecter

1 General

YCHR17 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 distributio 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.

Standard: IEC/EN 60947-3.

2 Operating conditions

2.1 Ambient temperature $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$

2.2 Altitude: 2000m.

2.3 Air conditions: At mounting site, relative humidity not exceed 50% at the maximum temperature of $+40^{\circ}\text{C}$. For the wettest month, the maximum relative humidity averaged shall be 90% while the lowest temperature averaged in that month is $+20^{\circ}\text{C}$, special measures should be taken to occurrence of condensation.

2.4 The installation position should be vertical. The inclination in all directions shall not exceed $\pm 22.5^{\circ}$.

2.5 Installed in areas free from shock, vibration and rain.

2.6 Pollution grade: 3.

2.7 Installation category: III.

3 Technical data

Table 1

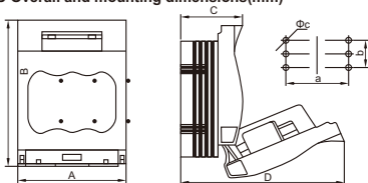
	40	63/100	160	250	400	630	
Rated voltage (Ue)	660V a.c 380V a.c	660V a.c 380V a.c	660V a.c 380V a.c	660V a.c 380V a.c	660V a.c 380V a.c	660V a.c 380V a.c	
Rated insulation voltage(Ui)	800V						
Rated impulse voltage strength (Uimp)	6kV						
Rated current (Ie)	AC-21B	40A	63/100A	160A	250A	400A	630A
	AC-22B	40A	63/100A	160A	250A	400A	630A
	AC-23B	-	-	160A	250A	400A	630A
	AC-21B	-	-	160A	250A	400A	630A
AC-22B	-	-	100A	100A	315A	425A	
Rated short-circuit current	20kA(peak 105kA)		50kA(peak 105kA)				
Associated fuse	NT00C		NT00	NT1	NT2	NT3	
	2-40	2-100	2-160	80-250	125-400	315-630	

4 The rated working current of the fuse of the isolation switch is shown in Table 2.

Table 2

Conventional heating current	Fuse size	Current value of melt(A)
32,63,100	RT16-000 (NT000)	2,4,6,8,10,12,16,20, 25,32,40,50,63,80, 100,125,160
160	RT16-00 (NT000)	
250	RT16-1 (NT1)	80,100,125, 160,200,224,250
400	RT16-2 (NT2)	125,160,200,224, 250,315,355,400
630	RT16-3 (NT3)	315,355,400,500,630

5 Overall and mounting dimensions(mm)



Model	Poles	Overall(mm)				Installation(mm)		
		A	B	C	D	a	b	Φ c
YCHR17-40	3P	76	116	76	150	42	/	Φ 6
YCHR17-63	3P	105	116	76	150	62	/	Φ 6
YCHR17-100	3P	105	116	76	150	62	25	Φ 6
YCHR17-160	3P	106	200	83	205	66	25	Φ 7
	4P	138	200	83	205	100	25	Φ 7
YCHR17-250	3P	185	247	110	295	114	50	Φ11
	4P	242	247	110	295	172	50	Φ11
YCHR17-400	3P	210	290	125	340	130	50	Φ11
	4P	276	290	125	340	195	50	Φ11
YCHR17-630	3P	256	300	145	360	162	50	Φ11
	4P	340	300	145	360	243	50	Φ11

6 Ordering information

When ordering, the customer shall indicate the product type, frame size, number of poles, rated current, and quantity . For example: YCHR17-160/30 160A 20pcs.



CERTIFICATE

Product Model: YCHR17

Standard: IEC/EN 60947-3

Inspector : **CNC003**

Production date: Printed on the product
or package.

This product is qualified according
to the delivery inspection

CNC ELECTRIC

Tel: 0086-577-61989999 Fax: 0086-577-61891122

www.cncele.com E-mail: cncele@cncele.com

CNC

YCHR17