5 Maintenance

1. Guard against damp, dust, vibration and sun exposure.
2. Remove dust from the surface of the enclosure at regular intervals to maintain good insulation.

6 Environmental Protection

⚠ In order to protect the environment, the product or product parts should be disposed of according to the industrial waste treatment process, or be sent to the recycling station for assortment, dismantling and recycling.

CHNT

QC PASS

NHR17 Series Fuse-Switch Disconnector
IEC 60947-6-1

Check 08

Test date: Please see the packing

ZHEJIANG CHINT ELECTRICS CO., LTD.

CHNT
CHINT ELECTRICS

NHR17 Series
Fuse-Switch Disconnector
User Instruction

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NO:2020.09

CHNT
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NHR17 Series
Fuse-Switch Disconnector

User Instruction

Standard: IEC 60947-6-1

⚠ Safety Warning

1. Only professional technicians are allowed for installation and maintenance.
2. Installation in any damp, condensed-phase environment with inflammable and explosive gas is forbidden.
3. When the product is being installed or maintained, the power must be switched off.
4. You are prohibited from touching the conductive part when the product is operating

1 Use Purpose

Applicable to the distribution circuit and motor circuit with high short-circuit current, NHR17 series fuse-switch disconnector is used as power switch, isolating switch and emergency switch to protect the circuit, but it is not used to directly turn on or off a single motor.

2 Key Technical Parameters

Table 1 Key Technical Parameters

Ambient Conditions						
Ambient temperature (℃)	-35℃~+70℃					
Atmospheric conditions	+40℃, RH 50%; +20℃, up to 90%;					
Altitude	No impact below 2000m					
Pollution class/Installation category	Class 3					
Specification	**32 63**	**100 160**	**250**	**400**	**630**	**800**
Rated operating voltage V	400	400、690				400
Rated insulation voltage V	1000					
Rated impulse withstand voltage kV	12					
Rated operating current A	32 63	100 160	250	400	630	800/630
Agreed heating current A	32 63	100 160	250	400	630	800/630
Use class	AC-23B	AC-23B(400V) AC-21B(690V)				AC-22B
Rated conditional short-circuit current KA	50	100(400V)/50(690V)				100
Fuse loss power W	9.5	12	23	34	48	65

Agreed heating current of the switch (A)	Fuse type	Current value of mountable fuse
32、63	RT14/RT29	10;16;20;25;32;40;50;63
100 (fuse to 100A) 160 (fuse to 160A)	NT00	4;6;10;16;20;25;32;35;40 50;63;80;100;125;160;
250	NT1	80;100;125;160;200;224;250;
400	NT2	125;160;200;224;250;300;315;355;400
630	NT3	315;355;400;425;500;630
630、800	CRT3	630、800

3 Outline and installation size

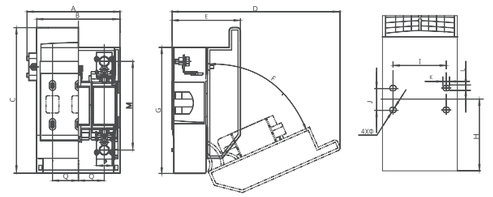
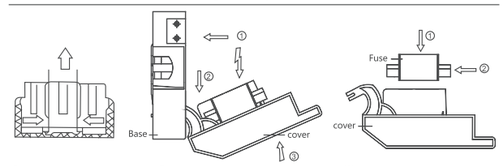


Figure 1 Appearance and installation dimensions

Table 2 Size table **Unit: mm**

Specification	A	B	C	D	E	F	G	H	I	J	K	L	Φ	M	N	P	Q
63(32)/2	-	75	135	165	77	70°	120	72	-	104	-	-	6	-	-	-	32
63(32)/3	-	105	135	165	77	70°	120	72	31	104	-	-	6	-	-	-	32
63(32)/4	-	150	135	165	77	70°	120	72	75	104	-	-	6	-	-	-	32
160(100)	123	110	186	215	90	66°	160	87	74	25	9.5	6.5	-	115	18	20	35
250	196	184	266	240	118	70°	230	123	114	50	25	9	-	183	22	32	60
400	260	250	330	390	145	72°	292	158	150	50	-	-	9	200	34	35	80
630	260	250	330	390	145	72°	292	158	150	50	-	-	9	200	34	35	80
800	275	348	332	405	172	65°	294	147	176	60	-	-	9	230	37	-	88

4 Installation, commissioning and operation



Remove the electric shock protection cover

Open or close the cover of the switch smoothly and close the cover tightly

When the fuse is installed on the over, you must hear the "click" sound.