



NHRT40 Series
Vertical Fuse-switch Disconnecter

User Instruction

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, NHRT40 series vertical fuse-switch disconnecter 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 (°C)	-35°C~+70°C			
Atmospheric conditions	+40°C, RH 50%; +20°C, up to 90%;			
Altitude	No impact below 2000m			
Pollution class/Installation category	Class 3			
Fuse size	00	2	2	3
Agreed heating current A	160	250	400	630
Rated operating current A	160	250	400	630
Rated operating voltage V	380/660			
Rated insulation voltage V	800			
Operating withstand voltage V	3000			
Use class	AC-22B			
Rated short-circuit current KA	100(380V)50(660V)			
Fuse loss power W	12	23	34	48
Model	Ue(V)	Rated current A of the Disconnecter		
NT00 RT36-00 RT16-00	380	4;6;10;16;20;25;32;35;40;50;63;80;100;125;160		
	660	4;6;10;16;20;25;32;35;40;50;63;80;100		
NT2 RT36-2 RT16-2	380	125;160;200;224;250;300;315;355;400		
	660	125;160;200;224;250;300;315		
NT3 RT36-3 RT16-3	380	315;355;400;425;500;630		
	660	315;335;400;425		

3 Outline and installation size

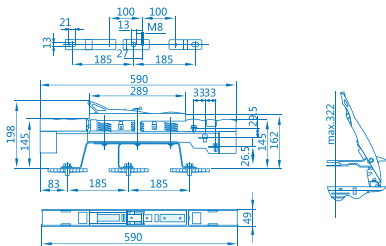


Figure 1 NHRT40-160/3L

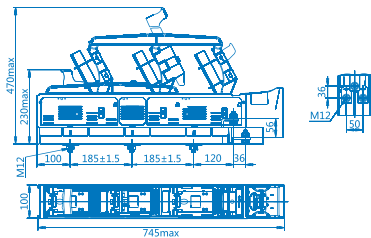


Figure 2 NHRT40-250, 400, 630/3L

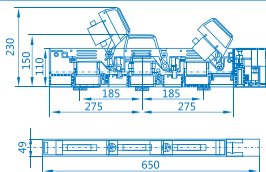


Figure 3 NHRT40-160/3

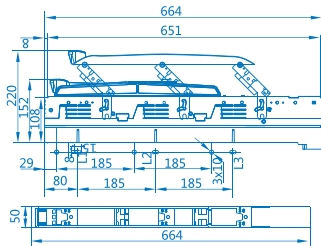


Figure 4 NHRT40-160/3LN

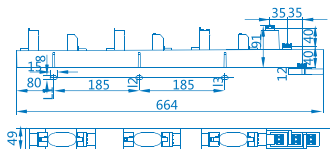


Figure 5 NHRT40-160/3B

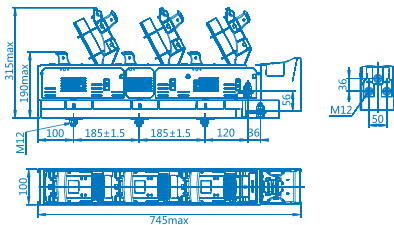


Figure 6 NHRT40-250、400、630/3

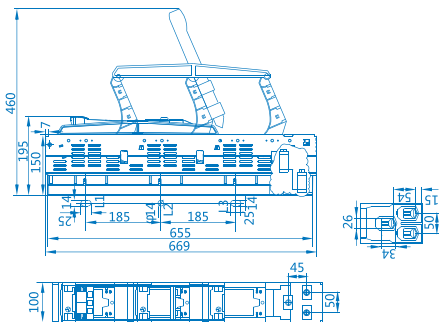


Figure 7 NHRT40-250, 400, 630/3

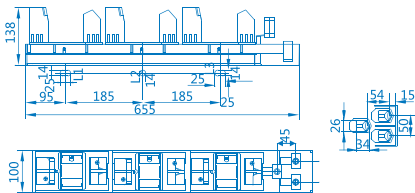


Figure 8 NHRT40-250, 400, 630/3

4 Outline and installation size

1. Before installation, check whether the fuse meets the use requirements, and then remove the cover and the base.
2. When replacing the fuse, disconnect the load circuit and open or remove the cover.
3. Remove the replaced fuse from the cover, push the new fuse directly along the notch of the cardboard, and apply lubricating oil on the surface of the contact blade.

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.

CHINT

QC PASS

NHRT40 Series
Vertical Fuse-switch
Disconnecter
IEC 60947-3

Check 08

Test date: Please see the packing

ZHEJIANG CHINT ELECTRICS CO., LTD.

CHINT

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