

DNH1G FUSE SWITCH DISCONNECT

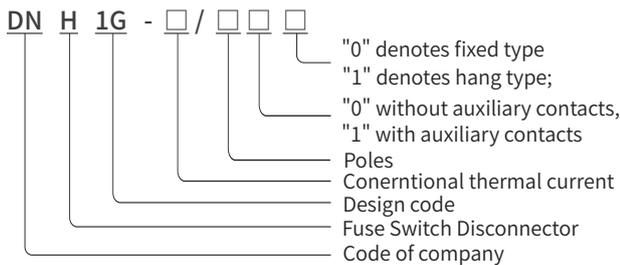


Application scope

DNH1 series fuse-switch-disconnector (hereinafter referred to as switch) is designed for the distribution circuit and electromotor of circuit with high short circuit current, with rated AC voltage 400V and 690V, conventional thermal current up to 630A. It is used as power switch, switch disconnector and emergent switch, and with the function of circuit protection, but not used as a direct open or close single electromotor popularly.

This product is in conformity with standard GB14048.3(idt IEC60947-3).

Model & Meaning



Normal work conditions and Installation conditions

- ※ Ambient temperatue: -5°C~40°C .
- ※ Altitude: shall not exceed 2000m.
- ※ The atmosphere condition: The relative humidity shall not exceed 50% when the environmental temperatue is +40°C in installing place; And the relative humidity may be higher at the lowertemperature condition. Such as when the humidity is 90% when the temperature is +20°C .It shall take some special management to avoid the dew occurs on the product surface due to temperature change.
- ※ Pollution grade: III
- ※ The product shall be installed in the place without remarkable shake, strike and quiver, rain and snow, in the medium without danger of exploding, and in the places without gas and conductive dust, which can make the metal go rust and affect insulation performances.

Other

Structure Characteritic:

The switch is composed of base, cover and arc chute, all these parts are made of arc-resisting plastics, it is whole plastic structure. The static contact is directly installed on thebase, the arc chute is rasily mounted and dismantled, each arc chute has two parts: inner room and outer room, it adopts multi-pieces of metal arc-blowout grid which increase the arc-blowout capacity and prolong the service life of the contact.

NT type fusing unit is fixed inside the cover, the cover can be rotated along the supporting unit in fan shape, it has a relative big electric isolation distance which can meet the demands of the isolating seitch; The cover can be dismantled from the base easily chich make the installation and replacement of the fusing unit easy There are three group of installation hote on the base, which and meet the installation requirements of various switchgear cubicle and panel. Auxiliary contact can be mounted at the two side of the switch on demands, it can give out the signal of opening and closing the switch.

DNH1G

FUSE SWITCH DISCONNECT

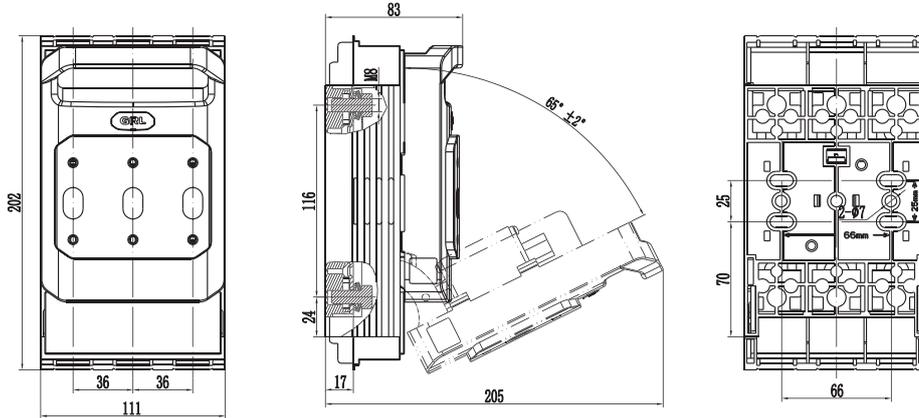
Technical parameters

| | | | | DNH1-160 | | DNH1-250 | | DNH1-400 | | DNH1-630 | | |
|--------------------------------------|---|--------------------------------------|------------------------------|----------|-----------------------------|----------|--------------|----------|--------------|----------|-------|-------|
| Electrical parameter | Fuse | Rated Voltage | Ue | V | AC400 | AC690 | AC400 | AC690 | AC400 | AC690 | AC400 | AC690 |
| | | Rate Current | Ie | A | 160 | 160 | 250 | 250 | 400 | 400 | 630 | 630 |
| | | Rated insulation voltage | Ui | V | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| | | Agreed heating current | Ith | A | 160 | 100 | 250 | 200 | 400 | 315 | 630 | 500 |
| | | Rated impulse withstand voltage | Uimp | kV | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | Rated limiting short-circuit current | Iq | kA | 100 | 50 | 50 | 100 | 100 | 50 | 100 | 50 |
| | | Usage category | | | AC-23B(AC400)/AC-21B(AC690) | | | | | | | |
| | Electrical endurance Times | | Second | 200 | | 200 | | 200 | | 200 | | |
| | Copper link | Rated Voltage | Ue | V | AC380 | | AC380 | | AC400 | | AC400 | |
| | | Rated Current | Ie | A | 160 | | 250 | | 630 | | 630 | |
| Rated insulation voltage | | Ui | V | 690 | | 690 | | 1000 | | 1000 | | |
| Agreed heating current | | Ith | A | 160 | | 250 | | 630 | | 630 | | |
| Rated impulse withstand voltage | | Uimp | kV | 8 | | 8 | | 12 | | 12 | | |
| Rated limiting short-circuit current | | Icw | kA/1s | 8 | | 10 | | 15 | | 15 | | |
| Usage category | | | | AC-21B | | AC-21B | | AC-23B | | AC-23B | | |
| Electrical endurance Times | | | Second | 200 | | 200 | | 200 | | 200 | | |
| Rated frequency | | | Hz | 50\60 | | 50\60 | | 50\60 | | 50\60 | | |
| Poles | | | | 3 | | 3 | | 3 | | 3 | | |
| Fuse | Size(RT16/NT/NH) IEC 60269-2 GB/T 13539.2 | | | 00 | | 1 | | 2 | | 3 | | |
| | Working Current | In | A | 160 | 160 | 250 | 250 | 400 | 400 | 630 | 630 | |
| | Power Dissipation | P | W | 12 | 12 | 18 | 32 | 28 | 45 | 40 | 50 | |
| Mechanism | Mechanical endurance | Second | 1400 | | 1400 | | 800 | | 800 | | | |
| Protection | Frontal | | On : IP20 \ Off : IP30 | | | | | | | | | |
| Other | Signal feedback for opening and closing the switch (micro switch) | | Can be added | | Can be added | | Can be added | | Can be added | | | |
| Working Conditions | Surrounding air temperature | °C | -5 ~ +40 | | | | | | | | | |
| | Rated working hours | | Uninterrupted working system | | | | | | | | | |
| | Operation method | | Handle operation | | | | | | | | | |
| | Installation method | | Vertical installation | | | | | | | | | |
| | Altitude | m | ≤ 2000 | | | | | | | | | |
| | Installation category | | III、IV | | | | | | | | | |
| | Pollution level | | 3 | | | | | | | | | |
| Transportation and storage | °C | -25 ~ +55 | | | | | | | | | | |

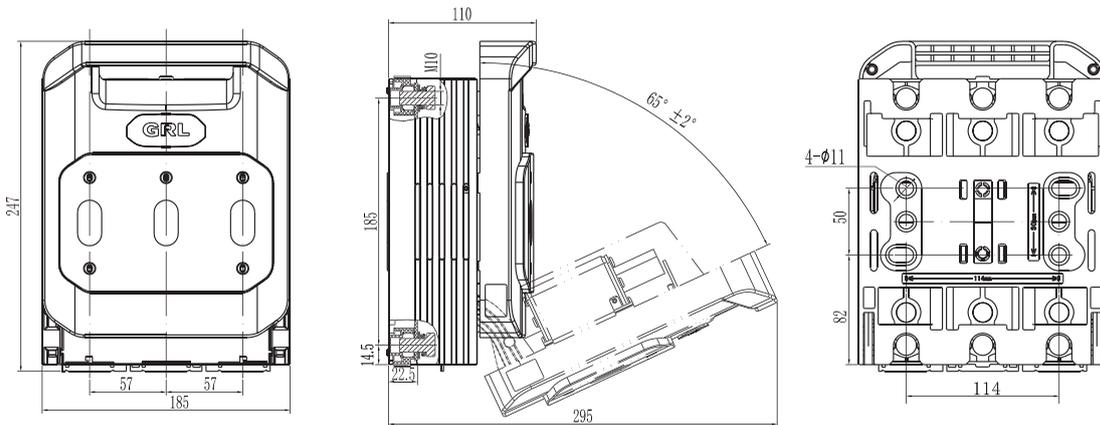
DNH1G FUSE SWITCH DISCONNECT

Appearance and installation dimensions (mm)

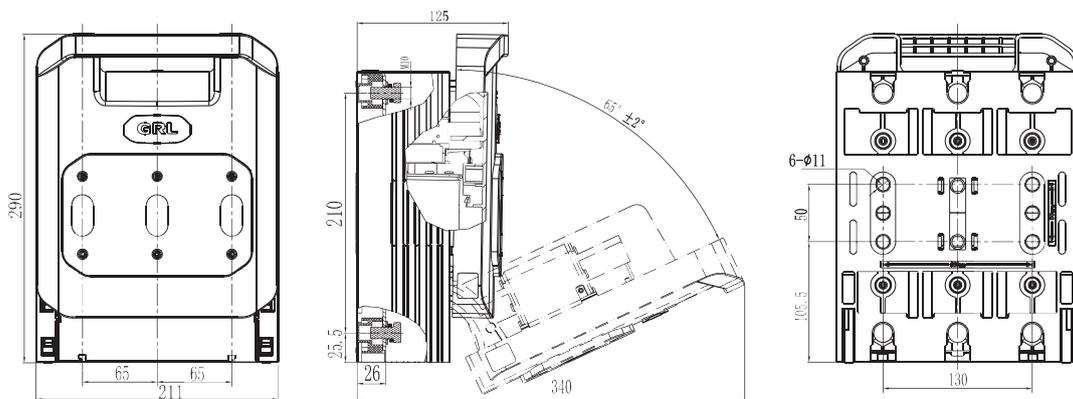
DNH1-160/30G Fixed



DNH1-250/30G Fixed

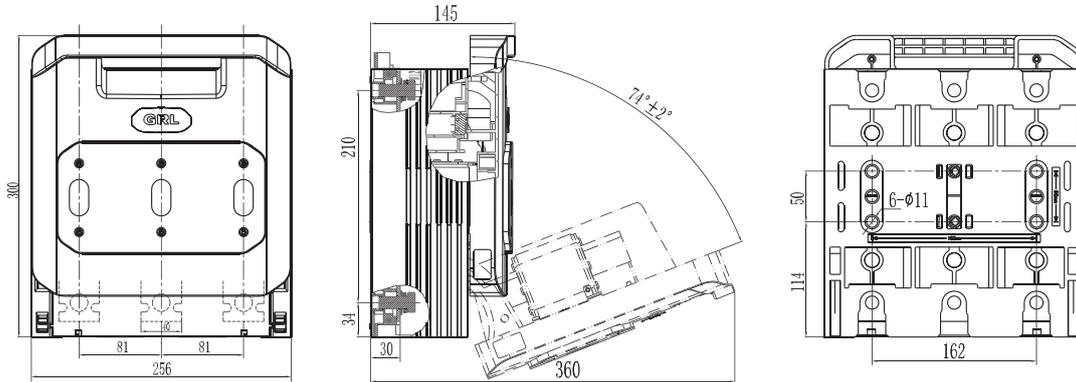


DNH1-400/30G Fixed

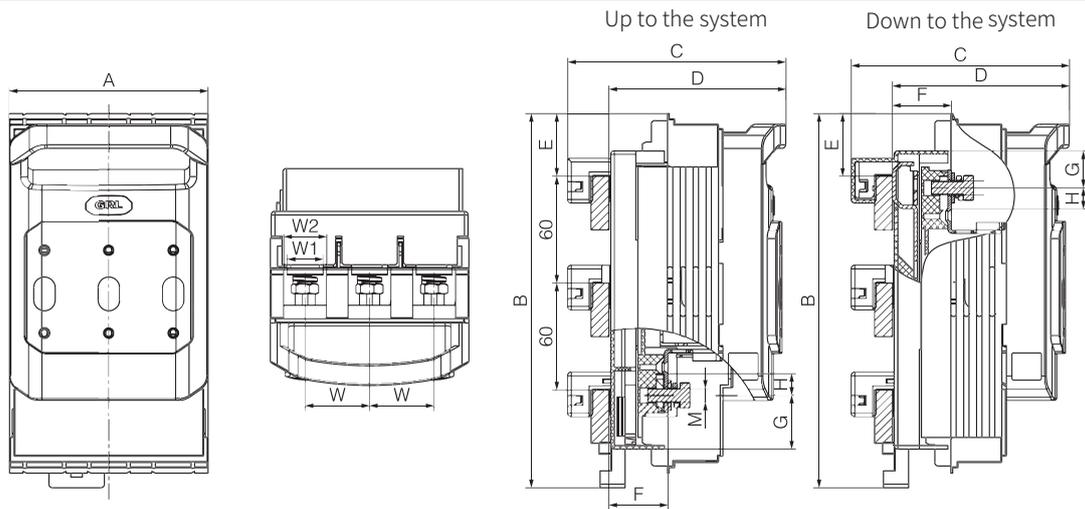


DNH1G FUSE SWITCH DISCONNECT

DNH1-630/30G Fixed

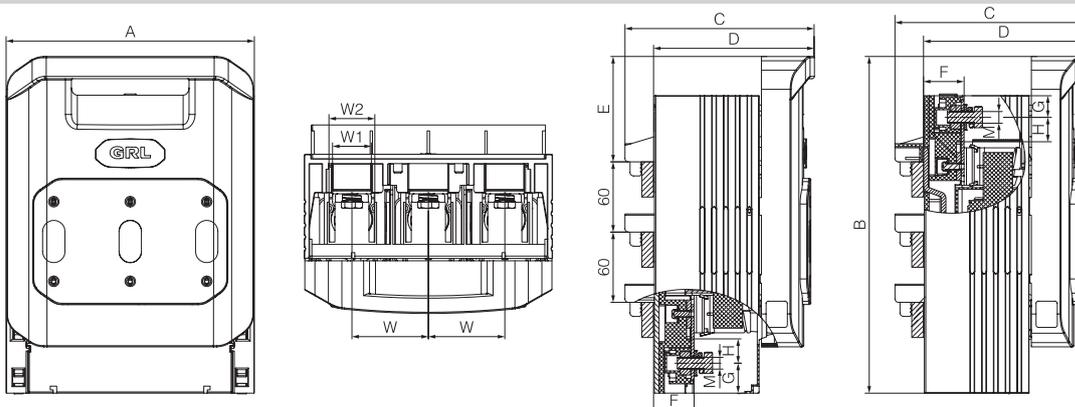


DNH1-160/31G Busbar



| A | B | C | D | E | F | G | H | M | W | W1 | W2 |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| 111 | 210 | 122 | 99 | 35 | 33 | 30 | 12 | M8 | 36 | 20 | 24 |
| | | | | | | 21 | | | | | |

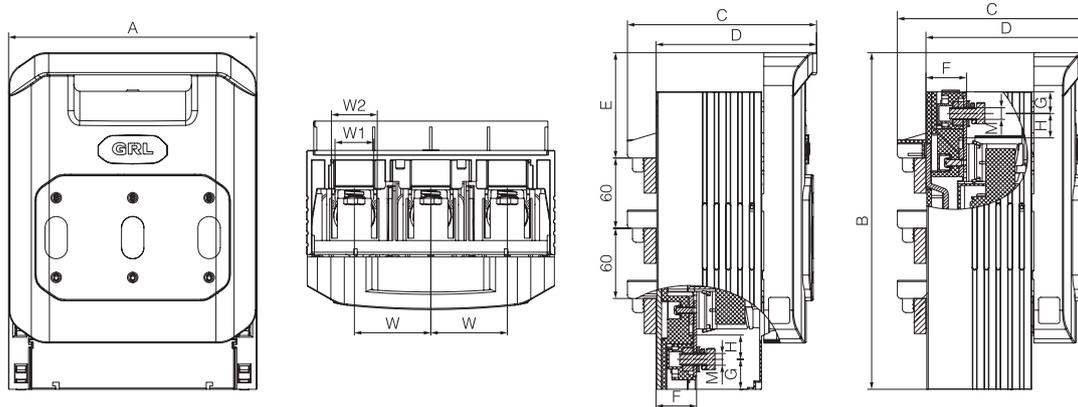
DNH1-250/31G Busbar



| A | B | C | D | E | F | G | H | M | W | W1 | W2 |
|-----|-----|-----|-----|----|------|------|----|-----|----|----|----|
| 185 | 241 | 145 | 120 | 68 | 32.5 | 14.5 | 16 | M10 | 57 | 30 | 40 |

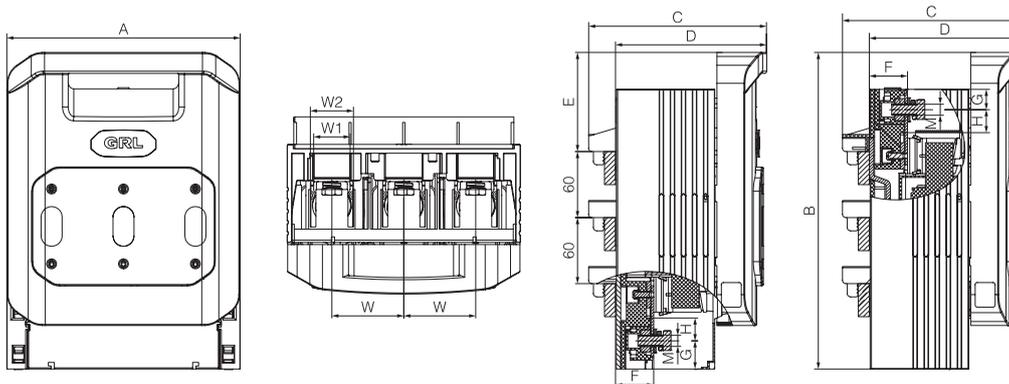
DNH1G FUSE SWITCH DISCONNECT

DNH1-400/31G Busbar



| A | B | C | D | E | F | G | H | M | W | W1 | W2 |
|-----|-----|-----|-----|----|------|------|----|-----|----|----|----|
| 211 | 288 | 161 | 137 | 73 | 34.5 | 25.5 | 19 | M10 | 65 | 33 | 50 |
| | | | | | | 18.5 | | | | | |

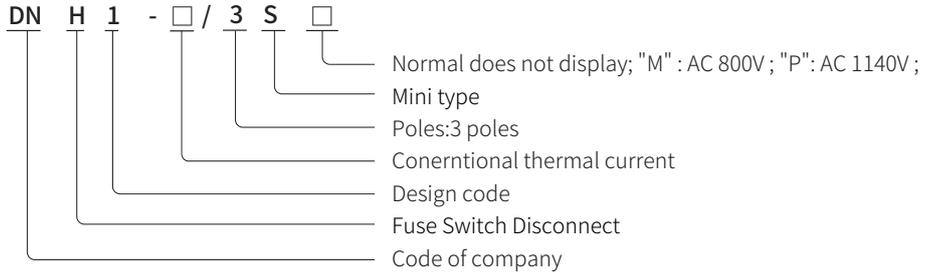
DNH1-630/31G Busbar



| A | B | C | D | E | F | G | H | M | W | W1 | W2 |
|-----|-----|-----|-----|----|------|------|----|-----|----|----|----|
| 256 | 313 | 178 | 154 | 90 | 41.5 | 37.5 | 21 | M12 | 81 | 45 | 59 |

DNH1-□/3S FUSE SWITCH DISCONNECT

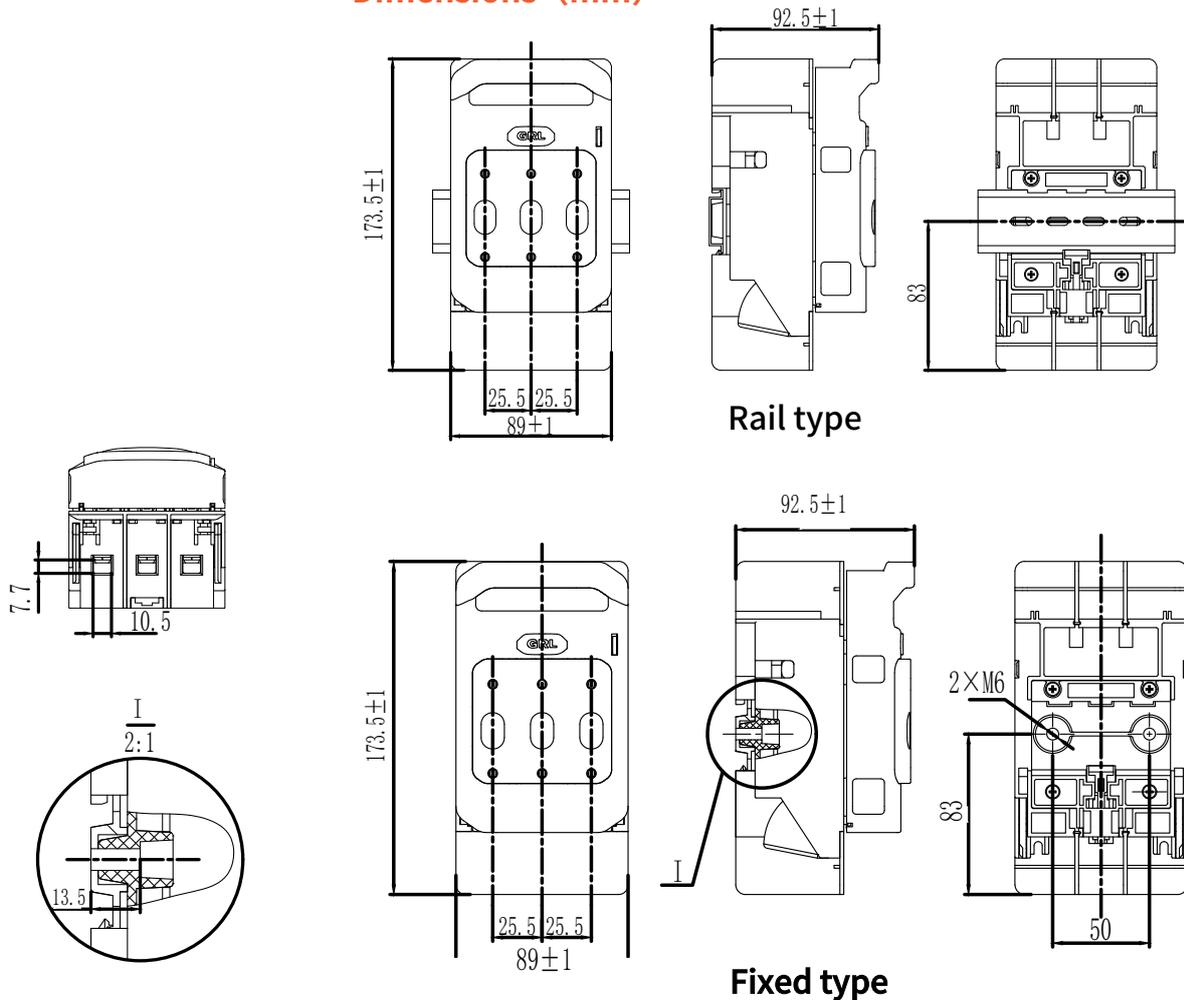
Model & Meaning



Technical Parameter

| Model No. | Size | Rated Voltage (V) | Rated Current (A) | Rated insulation voltage (V) | Rated impulse withstand voltage (kV) |
|--------------|------|-------------------|-------------------|------------------------------|--------------------------------------|
| DNH1-160/3S | 000 | AC 400/690 | 100 | AC 1000 | 12 |
| DNH1-160/3SM | 000 | AC 800 | 100 | AC 1500 | 12 |
| DNH1-160/3SP | 000 | AC 1140 | 100 | AC 1500 | 12 |

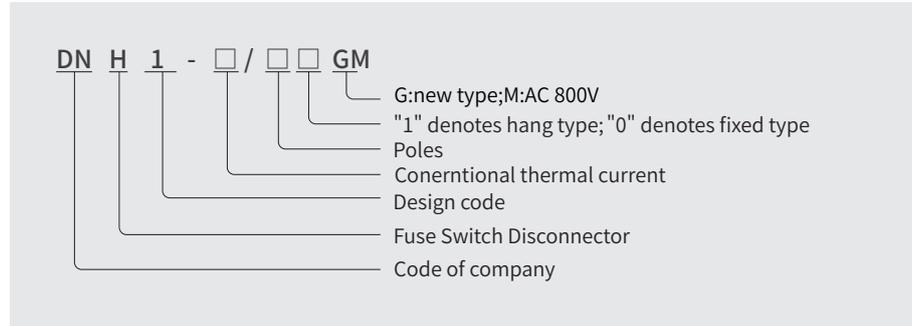
Dimensions (mm)



DNH1GM FUSE SWITCH DISCONNECT



Model & Meaning



Working Conditions

1. Working temperature range (Tj): -40 °C~60°C
2. Altitude: ≤ 5000m.

Dimensions(mm)

The installation size is the same as the DNH1 series

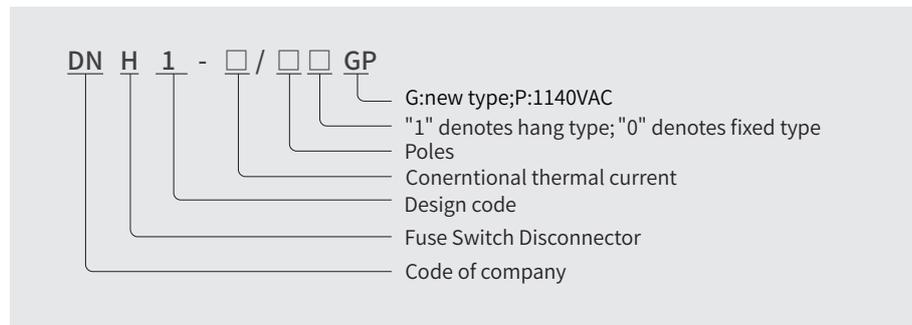
Technical parameter

| Model | Size | Ue(V) | Ie (A) | Ui(V) | Uimp (kV) |
|---------------|------|--------|--------|---------|-----------|
| DNH1-160/30GM | 00 | AC 800 | 63 | AC 1250 | 12 |
| DNH1-250/30GM | 1 | AC 800 | 160 | AC 1250 | 12 |
| DNH1-630/30GM | 3 | AC 800 | 315 | AC 1250 | 12 |

DNH1GP FUSE SWITCH DISCONNECT



Model&Meaning



Working Conditions

1. Working temperature range (Tj): -40 °C~60°C
2. Altitude: ≤ 5000m.

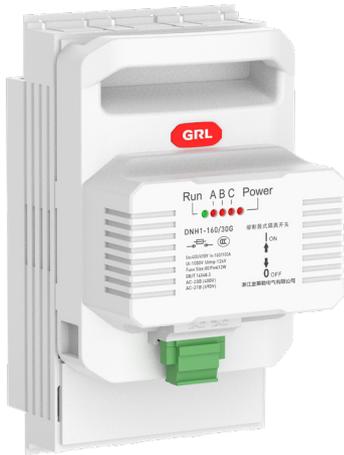
Dimensions(mm)

The installation size is the same as the DNH1 series

Technical parameter

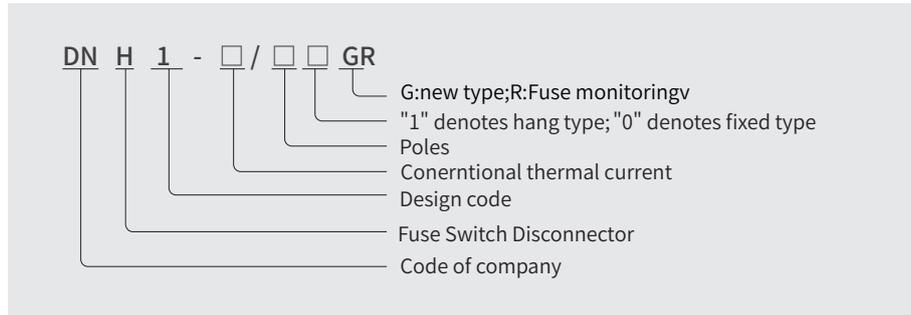
| Model | Size | Ue(V) | Ie (A) | Ui(V) | Uimp (kV) |
|---------------|------|---------|--------|---------|-----------|
| DNH1-160/30GP | 00 | AC 1140 | 63 | AC 1250 | 12 |
| DNH1-250/30GP | 1 | AC 1140 | 160 | AC 1250 | 12 |
| DNH1-630/30GP | 3 | AC 1140 | 315 | AC 1250 | 12 |

DNH1G FUSE SWITCH DISCONNECT Electronic melt core monitoring



IEC 60947-3、IEC 60269-2

Model&Meaning



| | | | | DNH1-160 | | DNH1-250 | | DNH1-400 | | DNH1-630 | | | |
|----------------------------|---|--|------------------------|------------------------------|-----------------------------|----------|--------------|----------|--------------|----------|--------|--------|--|
| Electrical parameter | Fuse | Rated Voltage | Ue | V | AC400 | AC690 | AC400 | AC690 | AC400 | AC690 | AC400 | AC690 | |
| | | Rate Current | Ie | A | 160 | 160 | 250 | 250 | 400 | 400 | 630 | 630 | |
| | | Rated insulation voltage | Ui | V | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| | | Agreed heating current | Ith | A | 160 | 100 | 250 | 200 | 400 | 315 | 630 | 500 | |
| | | Rated impulse withstand voltage | Uimp | kV | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| | | Rated limiting short-circuit current | Iq | kA | 100 | 50 | 50 | 100 | 100 | 50 | 100 | 50 | |
| | | Usage category | | | AC-23B(AC400)/AC-21B(AC690) | | | | | | | | |
| | | Electrical endurance Times | | Second | 200 | | 200 | | 200 | | 200 | | |
| Copper link | Fuse | Rated Voltage | Ue | V | AC380 | AC380 | AC400 | AC400 | AC400 | AC400 | AC400 | AC400 | |
| | | Rated Current | Ie | A | 160 | 250 | 630 | 630 | 630 | 630 | 630 | 630 | |
| | | Rated insulation voltage | Ui | V | 690 | 690 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| | | Agreed heating current | Ith | A | 160 | 250 | 630 | 630 | 630 | 630 | 630 | 630 | |
| | | Rated impulse withstand voltage | Uimp | kV | 8 | 8 | 12 | 12 | 12 | 12 | 12 | 12 | |
| | | Rated limiting short-circuit current | Icw | kA/1s | 8 | 10 | 15 | 15 | 15 | 15 | 15 | 15 | |
| | | Usage category | | | AC-21B | AC-21B | AC-23B | AC-23B | AC-23B | AC-23B | AC-23B | AC-23B | |
| | | Electrical endurance Times | | Second | 200 | | 200 | | 200 | | 200 | | |
| Fuse | Fuse | Rated frequency | | Hz | 50\60 | | 50\60 | | 50\60 | | 50\60 | | |
| | | Poles | | | 3 | | 3 | | 3 | | 3 | | |
| Fuse | Fuse | Size(RT16/NT/NH) IEC 60269-2 GB/T 13539.2 | | | 00 | | 1 | | 2 | | 3 | | |
| | | Working Current | In | A | 160 | 160 | 250 | 250 | 400 | 400 | 630 | 630 | |
| | | Power Dissipation | P | W | 12 | 12 | 18 | 32 | 28 | 45 | 40 | 50 | |
| Mechanism | Mechanical endurance | Second | 1400 | | 1400 | | 800 | | 800 | | | | |
| Protection | Frontal | | On : IP20 \ Off : IP30 | | | | | | | | | | |
| Other | Signal feedback for opening and closing the switch (micro switch) | | Can be added | | Can be added | | Can be added | | Can be added | | | | |
| Working Conditions | Working Conditions | Surrounding air temperature | °C | -5 ~ +40 | | | | | | | | | |
| | | Rated working hours | | Uninterrupted working system | | | | | | | | | |
| | | Operation method | | Handle operation | | | | | | | | | |
| | | Installation method | | Vertical installation | | | | | | | | | |
| | | Altitude | m | ≤ 2000 | | | | | | | | | |
| | | Installation category | | III、IV | | | | | | | | | |
| | | Pollution level | | 3 | | | | | | | | | |
| Transportation and storage | °C | -25 ~ +55 | | | | | | | | | | | |

DNH1G

FUSE SWITCH DISCONNECT

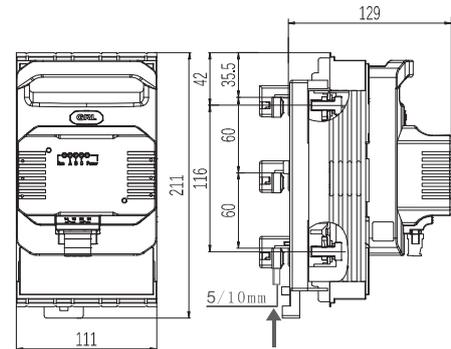
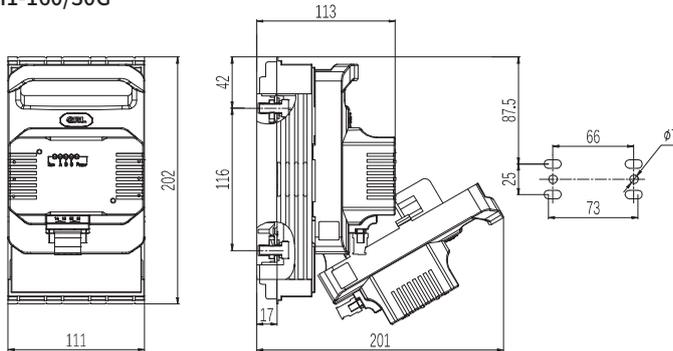
Electronic melt core monitoring

Dimensions(mm)

Fixed installation dimensions

Busbar installation dimensions

DNH1-160/30G

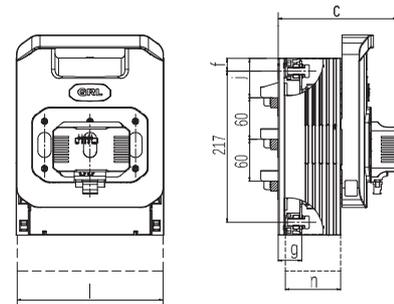
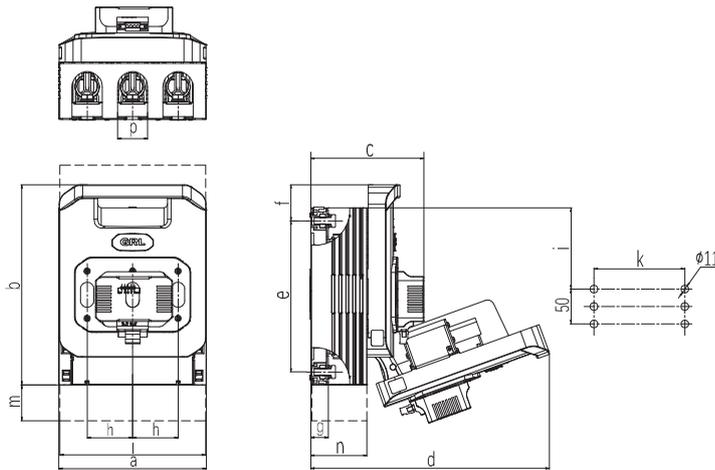


Fixed installation dimensions

Busbar installation dimensions

DNH1-250~630/30G

DNH1-250~630/31G



| 型号 | a | b | c | d | e | f | g | h | i | j | k |
|--------------|-----|-----|-----|-----|-----|------|------|----|-----|------|-----|
| DNH1-250/30G | 185 | 247 | 145 | 295 | 185 | 42.5 | 22.5 | 57 | 110 | / | 114 |
| DNH1-250/31G | 185 | 247 | 155 | 305 | 185 | 42.5 | 32.5 | 57 | / | 67.5 | / |
| DNH1-400/30G | 210 | 288 | 163 | 344 | 210 | 52 | 26 | 65 | 132 | / | 130 |
| DNH1-400/31G | 210 | 288 | 171 | 353 | 210 | 52 | 34.5 | 65 | / | 90 | / |
| DNH1-630/30G | 256 | 304 | 180 | 361 | 211 | 54 | 30 | 81 | 135 | / | 162 |
| DNH1-630/31G | 256 | 304 | 189 | 370 | 211 | 54 | 39 | 81 | / | 90 | / |

DNH1G

FUSE SWITCH DISCONNECT

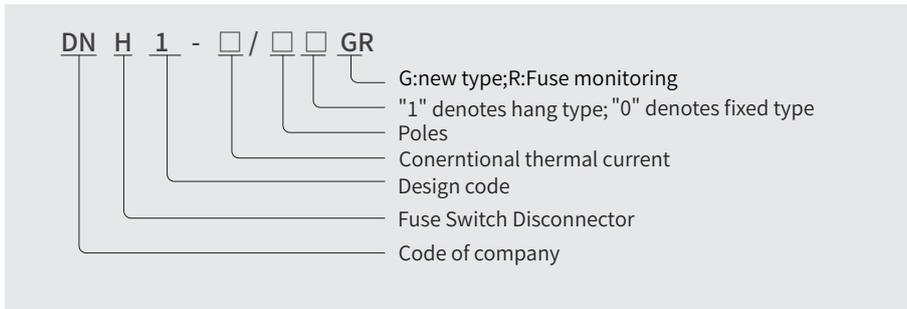
Motor fuse monitoring



Application

The DNH1-160/30 motor is a protector developed on the original DNH1-160/30 fuse type isolation switch, which combines automatic and manual motor protection functions, with strong breaking ability and fast protection response time.

Model & Meaning



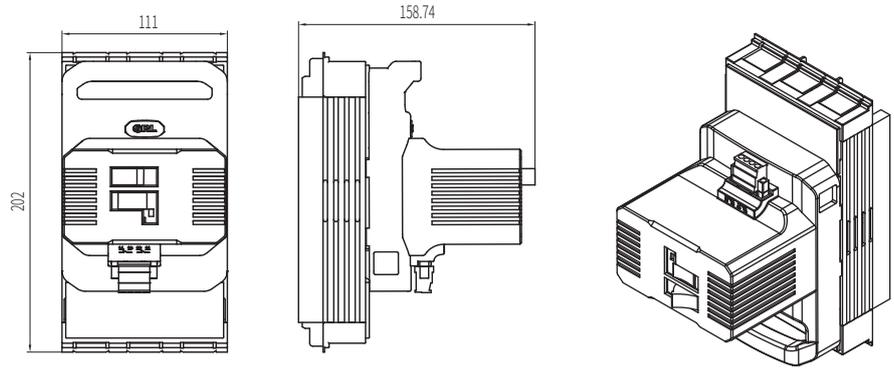
Technical parameter

| Specifications | | | DNH1-160 | | |
|--|---|-------|--------------|---------|-----|
| Rated working voltage | Ue | V | AC 400 | AC 690 | |
| Rated working current | Ie | A | 160 | 100 | |
| Agreed heating current | Ith | A | 160 | 100 | |
| Rated limited short-circuit current (with fused) | | kA | 100 | 50 | |
| Usage category (with fused) | | | AC-23B | AC-21B | |
| Rated insulation voltage | Ui | V | AC 1000 | AC 1000 | |
| Rated impulse withstand voltage | Uimp | kV | 12 | 12 | |
| Rated frequency | | Hz | 50/60 | 50/60 | |
| Electrical lifespan | | times | 200 | 200 | |
| Max tightening torque | | N.m | 12 | 12 | |
| Fuse | Executive standard: IEC60269-2 GB/T 13539.2 | | 00 | 00 | |
| | Rated working voltage | In | A | 160 | 100 |
| | Power dissipation | Pn | W | 12 | 12 |
| Working Conditions | Air temperature | | -5°C ~+40°C | | |
| | Altitude | | ≤ 2000m | | |
| | Installation category and pollution level | | 3 | | |
| | Transportation and storage | | -25°C ~+55°C | | |

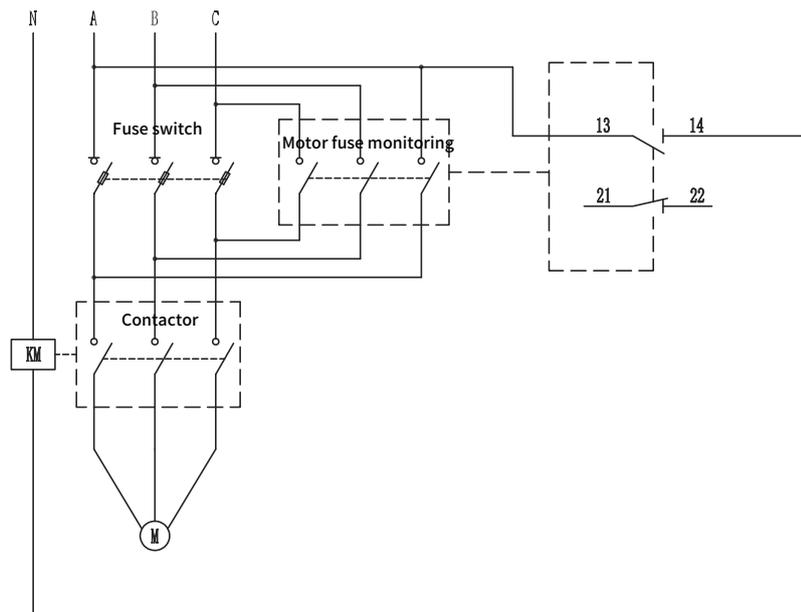
DNH1G FUSE SWITCH DISCONNECT Motor fuse monitoring

Dimensions(mm)

DNH1-160/30G



Example of DNH1 motor fuse monitoring application circuit

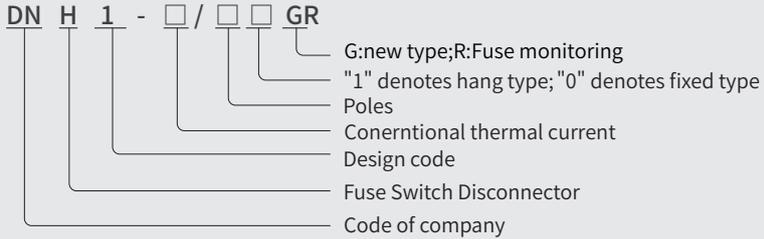


DNH1G FUSE SWITCH DISCONNECT Mechanical melt core monitoring

IEC 60947-3、IEC 60269-2



Model & Meaning



| | | | | DNH1-160 | | DNH1-250 | | DNH1-400 | | DNH1-630 | | | |
|----------------------------|---|--------------------------------------|--------|--------------|------------------------------|--------------|--------|--------------|--------|--------------|--------|--------|--|
| Electrical parameter | Fuse | Rated Voltage | Ue | V | AC400 | AC690 | AC400 | AC690 | AC400 | AC690 | AC400 | AC690 | |
| | | Rate Current | Ie | A | 160 | 160 | 250 | 250 | 400 | 400 | 630 | 630 | |
| | | Rated insulation voltage | Ui | V | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| | | Agreed heating current | Ith | A | 160 | 100 | 250 | 200 | 400 | 315 | 630 | 500 | |
| | | Rated impulse withstand voltage | Uimp | kV | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| | | Rated limiting short-circuit current | Iq | kA | 100 | 50 | 50 | 100 | 100 | 50 | 100 | 50 | |
| | | Usage category | | | AC-23B(AC400)/AC-21B(AC690) | | | | | | | | |
| | | Electrical endurance Times | | Second | 200 | | 200 | | 200 | | 200 | | |
| Copper link | Fuse | Rated Voltage | Ue | V | AC380 | AC380 | AC400 | AC400 | AC400 | AC400 | AC400 | AC400 | |
| | | Rated Current | Ie | A | 160 | 250 | 630 | 630 | 630 | 630 | 630 | 630 | |
| | | Rated insulation voltage | Ui | V | 690 | 690 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| | | Agreed heating current | Ith | A | 160 | 250 | 630 | 630 | 630 | 630 | 630 | 630 | |
| | | Rated impulse withstand voltage | Uimp | kV | 8 | 8 | 12 | 12 | 12 | 12 | 12 | 12 | |
| | | Rated limiting short-circuit current | Icw | kA/1s | 8 | 10 | 15 | 15 | 15 | 15 | 15 | 15 | |
| | | Usage category | | | AC-21B | AC-21B | AC-23B | AC-23B | AC-23B | AC-23B | AC-23B | AC-23B | |
| | | Electrical endurance Times | | Second | 200 | | 200 | | 200 | | 200 | | |
| Rated frequency | | | Hz | 50\60 | | 50\60 | | 50\60 | | 50\60 | | | |
| Poles | | | | 3 | | 3 | | 3 | | 3 | | | |
| Fuse | Size(RT16/NT/NH) IEC 60269-2 GB/T 13539.2 | | | 00 | | 1 | | 2 | | 3 | | | |
| | Working Current | In | A | 160 | 160 | 250 | 250 | 400 | 400 | 630 | 630 | | |
| | Power Dissipation | P | W | 12 | 12 | 18 | 32 | 28 | 45 | 40 | 50 | | |
| Mechanism | Mechanical endurance | | Second | 1400 | | 1400 | | 800 | | 800 | | | |
| Protection | Frontal | | | | On : IP20 \ Off : IP30 | | | | | | | | |
| Other | Signal feedback for opening and closing the switch (micro switch) | | | Can be added | | Can be added | | Can be added | | Can be added | | | |
| Working Conditions | Surrounding air temperature | | °C | -5 ~ +40 | | | | | | | | | |
| | Rated working hours | | | | Uninterrupted working system | | | | | | | | |
| | Operation method | | | | Handle operation | | | | | | | | |
| | Installation method | | | | Vertical installation | | | | | | | | |
| | Altitude | | m | ≤ 2000 | | | | | | | | | |
| | Installation category | | | | III、IV | | | | | | | | |
| | Pollution level | | | | 3 | | | | | | | | |
| Transportation and storage | | | °C | -25 ~ +55 | | | | | | | | | |

DNH1G

FUSE SWITCH DISCONNECT

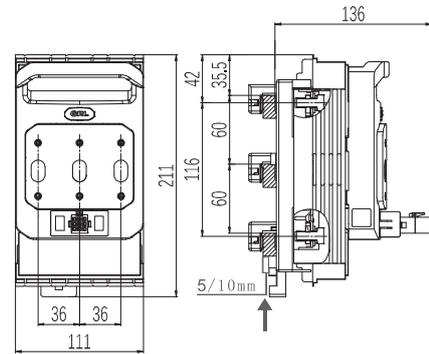
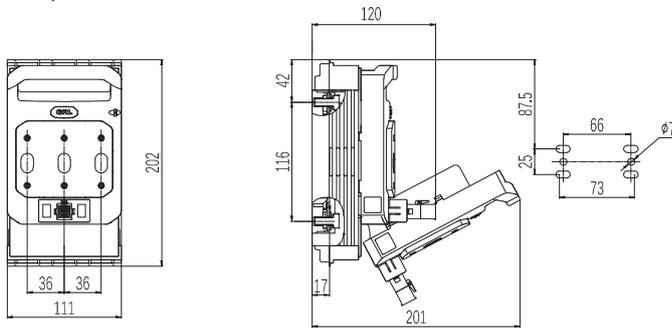
Mechanical melt core monitoring

Dimensions(mm)

Fixed installation dimensions

Busbar installation dimensions

DNH1-160/30G

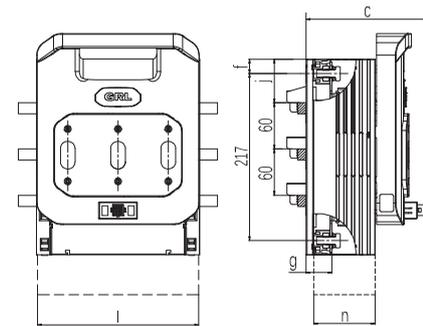
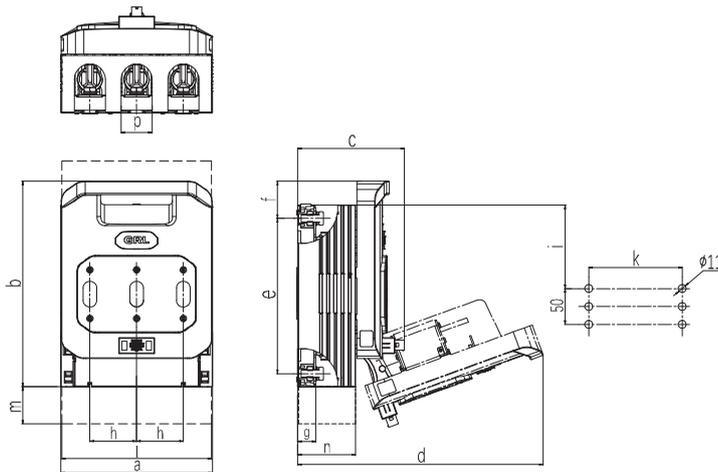


Fixed installation dimensions

Busbar installation dimensions

DNH1-250~630/30G

DNH1-250~630/31G

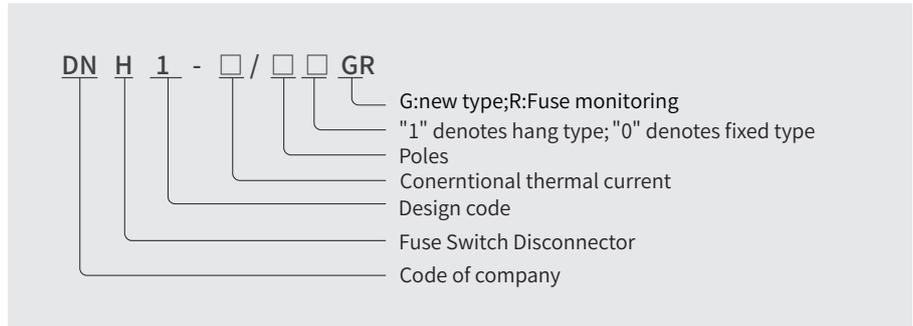


| 型号 | a | b | c | d | e | f | g | h | i | j | k |
|--------------|-----|-----|-----|-----|-----|------|------|----|-----|------|-----|
| DNH1-250/30G | 185 | 247 | 131 | 295 | 185 | 42.5 | 22.5 | 57 | 110 | / | 114 |
| DNH1-250/31G | 185 | 247 | 141 | 305 | 185 | 42.5 | 32.5 | 57 | / | 67.5 | / |
| DNH1-400/30G | 210 | 288 | 149 | 344 | 210 | 52 | 26 | 65 | 132 | / | 130 |
| DNH1-400/31G | 210 | 288 | 157 | 353 | 210 | 52 | 34.5 | 65 | / | 90 | / |
| DNH1-630/30G | 256 | 304 | 166 | 361 | 211 | 54 | 30 | 81 | 135 | / | 162 |
| DNH1-630/31G | 256 | 304 | 175 | 370 | 211 | 54 | 39 | 81 | / | 90 | / |

DNH1-160/21G(21GR) DNH1-250/21G(21GR) FUSE SWITCH DISCONNECT



Model & Meaning



Technicalparameter

| Specifications | DNH1-250 | | DNH1-160 | | |
|--|---|---------------|----------|----------|------|
| Rated working voltage | 400V ac | 690V ac | 400V ac | 690V ac | |
| Rated working current | 250A | 200A | 160A | 100A | |
| Agreed heating current | 250A | 200A | 160A | 100A | |
| Rated limited short-circuit current (with fused) | 100kA | 50kA | 100kA | 50kA | |
| Usage category (with fused) | AC-23B | AC-23B | AC-23B | AC-23B | |
| Rated insulation voltage | 1000V ac | 1000V ac | 1000V ac | 1000V ac | |
| Rated impulse withstand voltage | 12kV | 12kV | 12kV | 12kV | |
| Rated frequency | 50/60Hz | 50/60Hz | 50/60Hz | 50/60Hz | |
| Electrical lifespan times | 200 | 200 | 200 | 200 | |
| Max torque N.m | 30N.m | 30N.m | 20N.m | 20N.m | |
| Fuse | standard: IEC60269-2/GB/T 13539.2 | 1 | 1 | 00 | 00 |
| | Rated working current In | 250A | 200A | 160A | 100A |
| | Power dissipation Pn | 23W | 32W | 12W | 12W |
| Working Conditions | Air temperature | -5°C ~+ 40°C | | | |
| | Altitude | ≤ 2000m | | | |
| Installation category and pollution level | Installation category and pollution level | III、IV | | 3 | |
| | Transportation and storage | -25°C ~+ 55°C | | | |

产品选型

DNH1-160/21G(21GR)

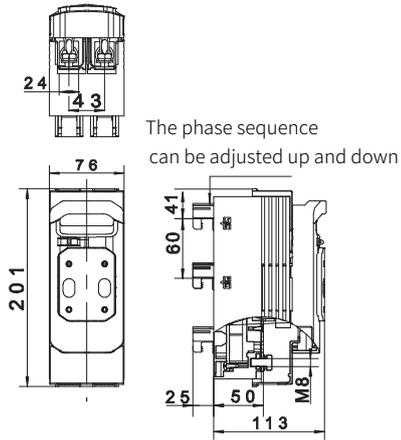
| NO. | Model | Top | Down | Contact 1 | Contact 2 | Order number |
|-----|---------------|-----|------|-----------|-----------|--------------|
| 1 | DNH1-160/21G | ▲ | | | | DN31026 |
| 2 | | ▲ | | ▲ | | DN31036 |
| 3 | | ▲ | | | ▲ | DN31038 |
| 4 | | | ▲ | | | DN31046 |
| 5 | | | ▲ | ▲ | | DN31056 |
| 6 | | | ▲ | | ▲ | DN31058 |
| 7 | DNH1-160/21GR | ▲ | | | | DN31027 |
| 8 | | ▲ | | ▲ | | DN31037 |
| 9 | | ▲ | | | ▲ | DN31039 |
| 10 | | | ▲ | | | DN31047 |
| 11 | | | ▲ | ▲ | | DN31057 |
| 12 | | | ▲ | | ▲ | DN31059 |

DNH1-250/21G(21GR)

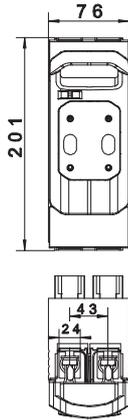
| NO. | Model | Top | Down | Contact 1 | Contact 2 | Order number |
|-----|---------------|-----|------|-----------|-----------|--------------|
| 1 | DNH1-250/21G | ▲ | | | | DN31136 |
| 2 | | ▲ | | ▲ | | DN31146 |
| 3 | | ▲ | | | ▲ | DN31158 |
| 4 | | | ▲ | | | DN31166 |
| 5 | | | ▲ | ▲ | | DN31176 |
| 6 | | | ▲ | | ▲ | DN31186 |
| 7 | DNH1-250/21GR | ▲ | | | | DN31137 |
| 8 | | ▲ | | ▲ | | DN31147 |
| 9 | | ▲ | | | ▲ | DN31159 |
| 10 | | | ▲ | | | DN31167 |
| 11 | | | ▲ | ▲ | | DN31177 |
| 12 | | | ▲ | | ▲ | DN31187 |

DNH1-160/21G(21GR) DNH1-250/21G(21GR) FUSE SWITCH DISCONNECT

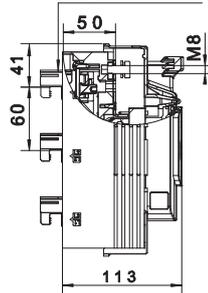
160A up to system



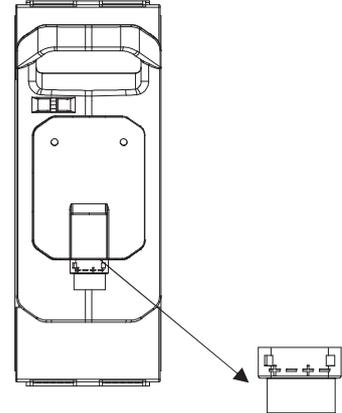
160A down to system



The phase sequence
can be adjusted up and down

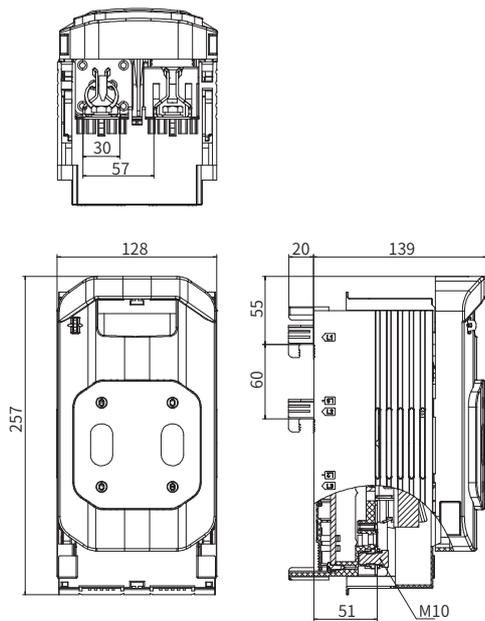


Fusing monitoring

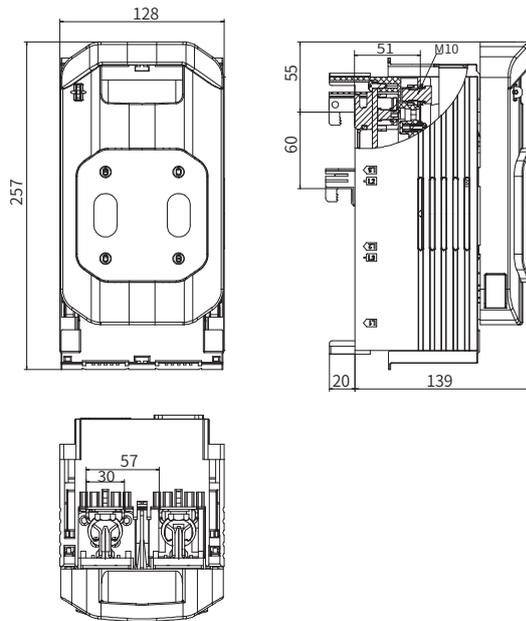


- 1.LED light does not light up in normal working state
- 2.LED lights up after melting of the fuse core
- 3.The positive pole on the product is connected to the PLC and powered by a DC24V power supply. When the fuse core melts, the positive and negative poles conduct

250A up to system



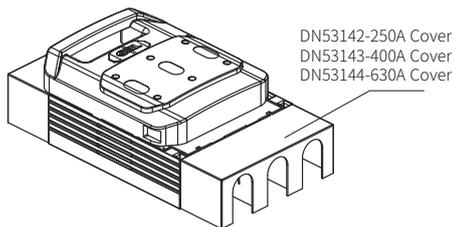
250A down to system



Accessories



| Terminal type | Torque N*m | Cable square mm ² | Optional switch type |
|---------------------------|------------|--|-----------------------|
| M8 bolt (with cable lug) | 12-15 | 16-70 | DNH1-160 |
| M10 bolt (with cable lug) | 30-35 | 25-150 | DNH1-250 ~ 400 |
| M12 bolt (with cable lug) | 35-40 | 25-240 | DNH1-630 |
| DN54224 | 3 | 16-70 s(r) 16-70 s(s) 16-70 f+AE | DNH1-160 |
| DN54207 | 6 | 75-150 s(r) 75-150 s(s) 75-150 f,f+AE | DNH1-250 |
| DN54208 | 8 | 50-240 s(r) 50-240 s(s) 50-240 f,f+AE | DNH1-400 ~ 630 |
| DN54209 | 8 | 150-300 s(r) 150-300 s(s) 150-300 f,f+AE | DNH1-630 |



Protective cover

| Order NO. | l | m | n | p | Adapted model |
|----------------|-------|------|------|----|-----------------|
| DN53142 | 183.5 | 68 | 65 | 33 | DNH1-250 |
| DN53143 | 208.5 | 51.5 | 79 | 43 | DNH1-400 |
| DN53144 | 254 | 48 | 93.5 | 43 | DNH1-630 |