

## NF250-SXV NF250-LXV NF250-HXV

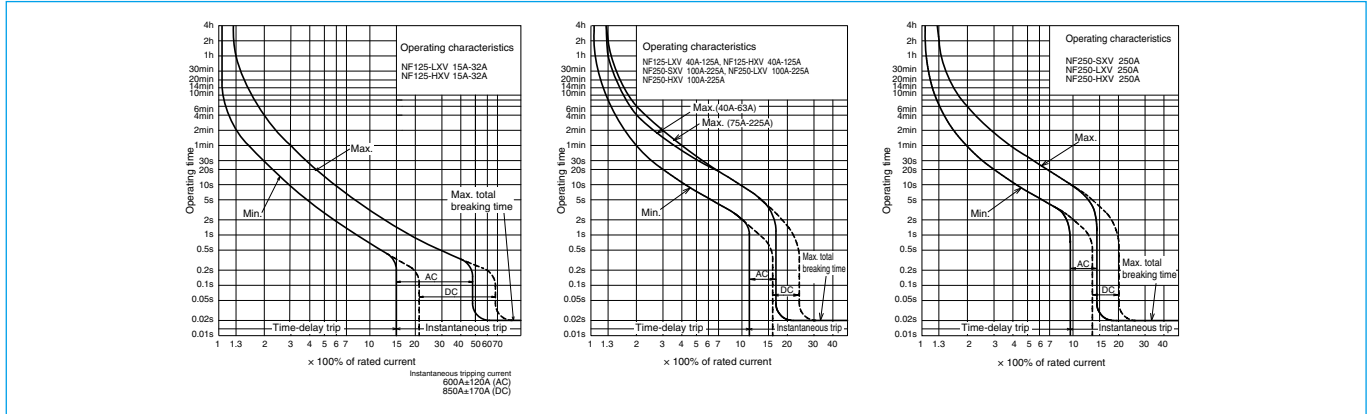


NF250-SXV

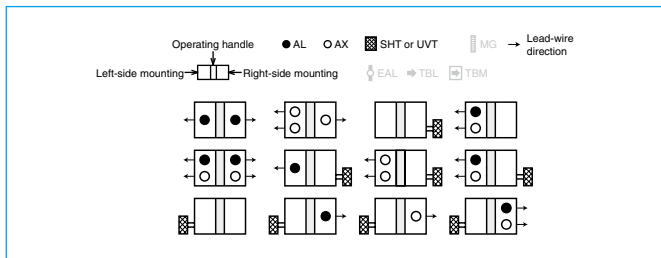
| Model                                         |                                                                   |      | NF250-SXV                                                                                                  |       |   | NF250-LXV                           |       |   | NF250-HXV                           |         |   |  |
|-----------------------------------------------|-------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------|-------|---|-------------------------------------|-------|---|-------------------------------------|---------|---|--|
| Rated current In (A)                          |                                                                   |      | (100) 125<br>150 175 200<br>225 250                                                                        |       |   | (100) 125<br>150 175 200<br>225 250 |       |   | (100) 125<br>150 175 200<br>225 250 |         |   |  |
| Number of poles                               |                                                                   |      | 2                                                                                                          | 3     | 4 | 2                                   | 3     | 4 | 2                                   | 3       | 4 |  |
| Rated insulation voltage Ui (V)               |                                                                   |      | 690                                                                                                        |       |   | 690                                 |       |   | 690                                 |         |   |  |
| Rated short-circuit<br>breaking capacity (kA) | JIS C 8201-2-1<br>Ann.1<br>IEC 60947-2<br>EN 60947-2<br>(Icu/Ics) | AC   | 690V                                                                                                       | 8/8   |   |                                     | 8/8   |   |                                     | 10/8    |   |  |
|                                               |                                                                   |      | 500V                                                                                                       | 30/30 |   |                                     | 36/36 |   |                                     | 50/38   |   |  |
|                                               |                                                                   |      | 440V                                                                                                       | 36/36 |   |                                     | 50/50 |   |                                     | 65/65   |   |  |
|                                               |                                                                   |      | 415V                                                                                                       | 36/36 |   |                                     | 50/50 |   |                                     | 70/70   |   |  |
|                                               |                                                                   |      | 400V                                                                                                       | 36/36 |   |                                     | 50/50 |   |                                     | 75/75   |   |  |
|                                               |                                                                   |      | 380V                                                                                                       | 36/36 |   |                                     | 50/50 |   |                                     | 75/75   |   |  |
|                                               |                                                                   |      | 230V                                                                                                       | 85/85 |   |                                     | 90/90 |   |                                     | 100/100 |   |  |
|                                               |                                                                   | 200V | 85/85                                                                                                      |       |   | 90/90                               |       |   | 100/100                             |         |   |  |
|                                               | DC                                                                | 300V | 20/20 (*1)                                                                                                 |       |   | 20/20 (*1)                          |       |   | 40/40 (*1)                          |         |   |  |
| Standard attached parts<br>(front connection) |                                                                   |      | Mounting screw: M4×0.7×55 (2 and 3P: 2pcs, 4P: 4pcs)<br>Insulation barrier: (2P: 2pcs, 3P: 4pcs, 4P: 6pcs) |       |   |                                     |       |   |                                     |         |   |  |

Notes \*1 When wired as shown at the bottom of page 14, three-pole models can be used for up to 500VDC, and four-pole models for up to 600VDC.

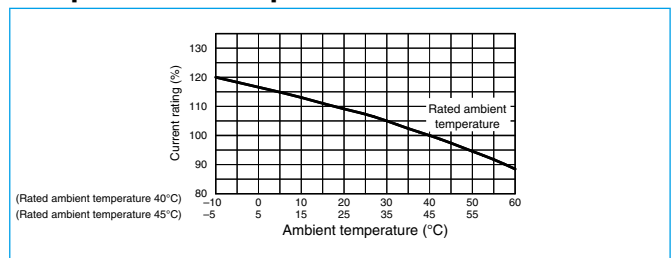
## Operating Characteristics



## Internal Accessories



## Temperature Compensation Curve

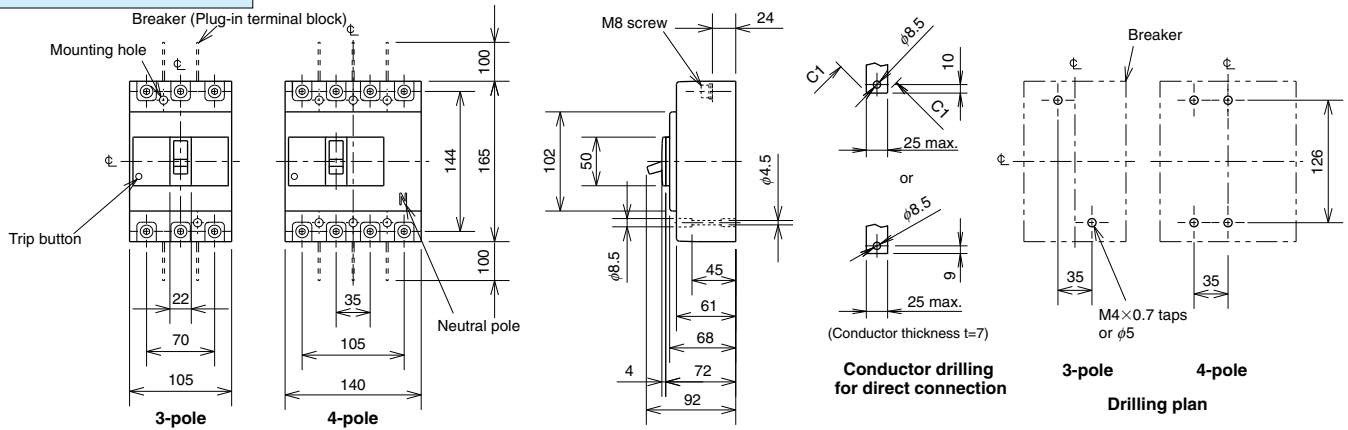


## External Accessories

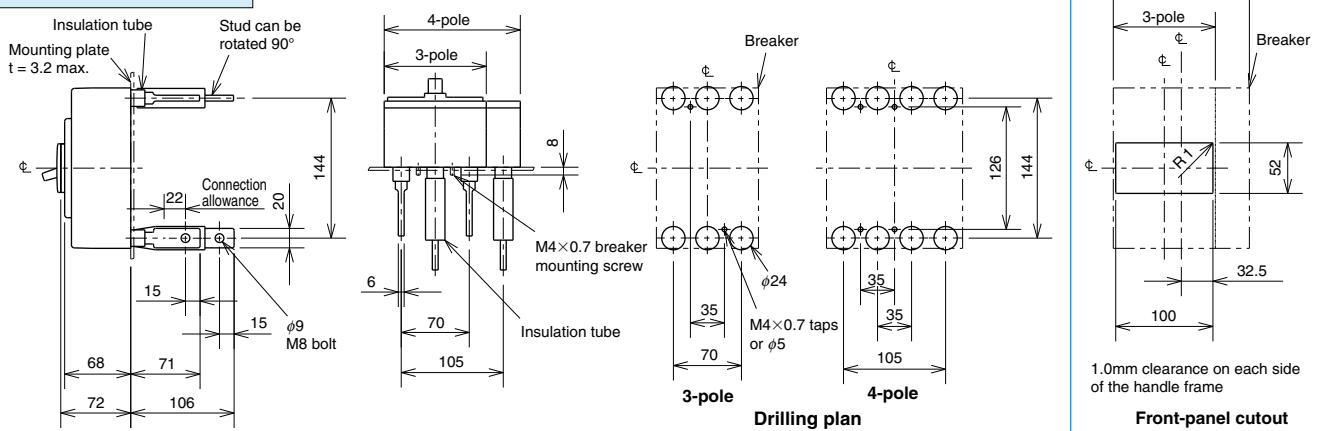
| Accessories                                                                                                                                       | Type name    | Reference page | Accessories                      | Type name                   | Reference page |
|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|----------------------------------|-----------------------------|----------------|
| Operating handle                                                                                                                                  | F F-2SV      | 119            | Mechanical interlock             | MI MI-05SV3                 | 131            |
|                                                                                                                                                   | V V-2SV      | 121            |                                  | MI-2SV4                     |                |
| Lock cover                                                                                                                                        | LC LC-05SV   | 129            | Terminal cover                   | Small TC-S 2, 3P TCS-2SV3   | 123            |
| Handle lock device                                                                                                                                | HLF-05SV     |                |                                  | Large TC-L 2, 3P TCL-2SV3   |                |
|                                                                                                                                                   | HLN-05SV     |                |                                  | 4P TCL-2SV3L                |                |
|                                                                                                                                                   | HL-S HLS-2SV |                |                                  | Skeleton TTC 2, 3P TTC-2SV3 |                |
|                                                                                                                                                   |              |                |                                  | Rear BTC 2, 3P BTC-2SV3     |                |
|                                                                                                                                                   |              |                |                                  | Plug-in PTC 2, 3P PTC-2SV3  |                |
| Notes *1 HLF types are used for OFF lock and HLN types for ON lock.<br>*2 Specify the working voltage. Refer to the reference page for type name. |              |                | Electrical operation device (*2) |                             | 135            |

## Outline Drawing

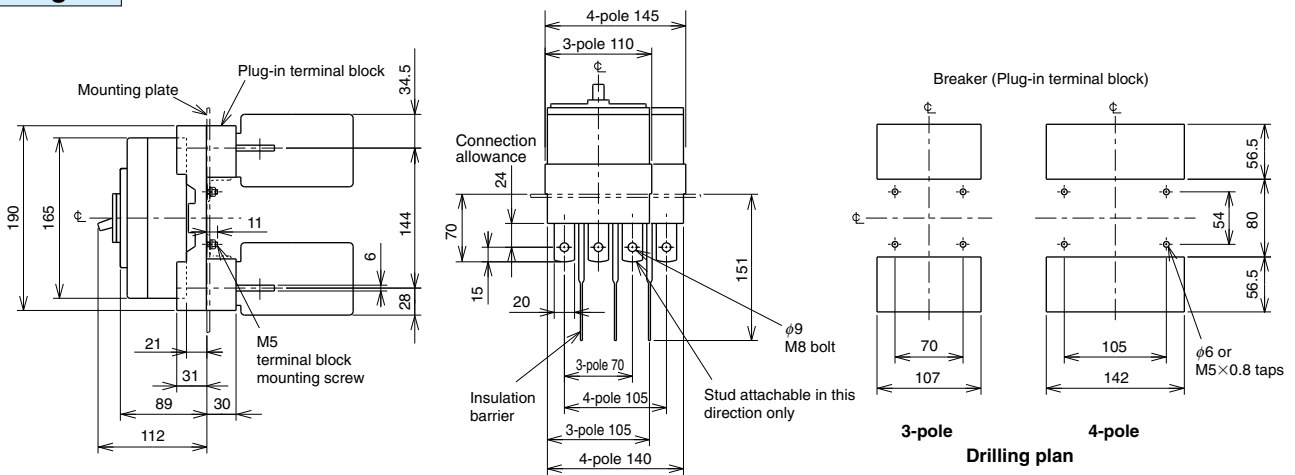
### Front connection



### Rear connection



### Plug-in



Remark: 1. 2-pole models are 3-pole models with the central pole removed.