

Switch disconnecter with fuses In-line design, pluggable NH2 400 A,  
3-pole High switching capacity H Motorized operating mechanism

| Model                                                                                      |                                                   |
|--------------------------------------------------------------------------------------------|---------------------------------------------------|
| version                                                                                    | With double disconnection                         |
| Design type                                                                                | plug-in to busbars with 185mm center-line spacing |
| Type of ammeter                                                                            | without                                           |
| Design of the load switch / Strip form                                                     | Yes                                               |
| Type of the driving mechanism                                                              | motorized operating mechanism                     |
| General technical data                                                                     |                                                   |
| Number of poles                                                                            | 3                                                 |
| Field of application                                                                       | LINE PROTECTION                                   |
| Size of disconnecting link                                                                 | 2                                                 |
| Size of fuse link                                                                          | 2                                                 |
| power factor cos phi / in utilization category                                             |                                                   |
| • AC-21 B / at 400 V                                                                       | 0.95                                              |
| • AC-22 B / at 400 V                                                                       | 0.65                                              |
| • AC-22 B / at 500 V                                                                       | 0.65                                              |
| circuit-breaker / Design                                                                   | 3NJ622                                            |
| Reference identifier / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750 | Q                                                 |
| Fuse system                                                                                | LV HRC fuse                                       |
| Voltage                                                                                    |                                                   |
| Rated operational voltage Ue / max.                                                        | 690 V                                             |
| Rated insulation voltage Ui                                                                | 1 000 V                                           |
| Insulation voltage / rated value                                                           | 1 000 V                                           |
| Surge voltage resistance / rated value                                                     | 8 000 V                                           |
| Protection class                                                                           |                                                   |
| Protection class IP                                                                        | IP41                                              |
| Electricity                                                                                |                                                   |
| rated current In                                                                           |                                                   |
| • max.                                                                                     | 400 A                                             |
| • at 35 Cel                                                                                | 400 A                                             |
| • at 40 Cel                                                                                | 380 A                                             |
| • at 45 Cel                                                                                | 360 A                                             |
| • at 50 Cel                                                                                | 340 A                                             |
| Continuous current / rated value                                                           | 400 A                                             |

|                                                                                        |                             |
|----------------------------------------------------------------------------------------|-----------------------------|
| Let-through current / I <sub>2 t</sub> / maximum permissible / in utilization category |                             |
| • AC-21 B / at 400 V                                                                   | 2 150 000 A <sup>2</sup> ·s |
| • AC-21 B / at 500 V                                                                   | 2 150 000 A <sup>2</sup> ·s |
| • AC-22 B / at 400 V                                                                   | 2 150 000 A <sup>2</sup> ·s |
| • AC-22 B / at 500 V                                                                   | 2 150 000 A <sup>2</sup> ·s |
| Let-through current / I <sub>c</sub> / maximum permissible / in utilization category   |                             |
| • AC-21 B / at 400 V                                                                   | 66 000 A                    |
| • AC-21 B / at 500 V                                                                   | 66 000 A                    |
| • AC-22 B / at 400 V                                                                   | 66 000 A                    |
| • AC-22 B / at 500 V                                                                   | 66 000 A                    |
| Accuracy class / of the current transformer                                            | without                     |

#### Main circuit

|                                     |       |
|-------------------------------------|-------|
| <b>Operating voltage</b>            |       |
| • at AC / at 50/60 Hz / rated value | 690 V |

#### Short circuit

|                                                                                             |       |
|---------------------------------------------------------------------------------------------|-------|
| Maximum short-circuit current breaking capacity (I <sub>cu</sub> ) / at 400 V / rated value | 66 kA |
|---------------------------------------------------------------------------------------------|-------|

#### Connections

|                                                          |                      |
|----------------------------------------------------------|----------------------|
| Type of connection, main circuit                         | Stud terminal, 2xM12 |
| Type of electrical connection / for main current circuit | stud terminals       |

#### Mechanical Design

|                                 |                 |
|---------------------------------|-----------------|
| Height                          | 198 mm          |
| Width                           | 590 mm          |
| Depth                           | 308 mm          |
| Type of mounting                | plug-in version |
| Mounting type                   | pluggable       |
| Busbar center-to-center spacing | 185 mm          |
| Busbar center-to-center spacing |                 |
| • 40 mm                         | No              |
| • 50 mm                         | No              |
| • 60 mm                         | No              |
| • 100 mm                        | No              |
| • 185 mm                        | Yes             |

#### Certificates

|                                               |   |
|-----------------------------------------------|---|
| Reference identifier / acc. to DIN EN 61346-2 | Q |
|-----------------------------------------------|---|

| General Product Approval                                                                 | Declaration of Conformity                                                                     | other |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------|
| <br>CCC | <br>EG-Konf. |       |

[Miscellaneous](#)

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#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NJ6223-4AA00-0AA0>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6223-4AA00-0AA0>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NJ6223-4AA00-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6223-4AA00-0AA0)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

**Tender specifications**

<http://www.siemens.com/specifications>