



Fuse switch disconnecter 3-pole selectable, for protection of transformers on the secondary side up to 500 kVA for LV HRC fuses GTR 722 A max., 400 V AC, and NH3 Disconnecting blade up to 1000 A

| Model | |
|--|---------------------------|
| product brand name | SENTRON |
| product designation | Fuse switch disconnectors |
| design of the product | in in-line design |
| type of switching contact double breaking switching contact | No |
| design of the auxiliary release | Without |
| design of the safety monitoring | Without |
| design of the load switch strip form | Yes |
| General technical data | |
| number of poles | 3 |
| number of poles note | 3-pole switchable |
| type of device | For busbar system 185 mm |
| size of fuse link | NH3 |
| fuse system | LV HRC fuse |
| Voltage | |
| insulation voltage rated value | 1 000 V |
| operational current | |
| • at AC-21 B at 400 V rated value | 722 A |
| • at AC-21 B at 500 V rated value | 722 A |
| • at AC-21 B at 690 V rated value | 722 A |
| • at AC-23 B at 400 V rated value | 722 A |
| operating voltage | |
| • at AC rated value | 400 V |
| Protection class | |
| protection class IP on the front | IP30 |
| Dissipation | |
| power loss [W] | |
| • for rated value of the current at AC in hot operating state per pole | 100 W |
| • maximum | 300 W |
| Main circuit | |
| operational current | |
| • rated value | 722 A |
| • with capacitive load at 400 V rated value | 410 A |
| • with capacitive load at 500 V rated value | 300 A |
| Suitability | |
| suitability for operation | Transformer protection |
| suitability for use main switch | No |
| suitability for use switch disconnecter | Yes |

| | |
|---|----------------------|
| suitability for use EMERGENCY OFF switch | No |
| suitability for use safety switch | No |
| suitability for use maintenance/repair switch | No |
| Product details | |
| product component | |
| • voltage trigger | No |
| • undervoltage release | No |
| • undervoltage release with leading contact | No |
| Short circuit | |
| conditional short-circuit current (I _q) | |
| • at AC-21 B at 400 V rated value | 50 kA |
| • at AC-21 B at 500 V rated value | 50 kA |
| • at AC-21 B at 690 V rated value | 50 kA |
| • at AC-22 B at 400 V rated value | 50 kA |
| • at AC-22 B at 500 V rated value | 50 kA |
| • at AC-22 B at 690 V rated value | 50 kA |
| • at AC-23 B at 400 V rated value | 50 kA |
| • at AC-23 B at 500 V rated value | 50 kA |
| • at AC-23 B at 690 V rated value | 50 kA |
| Connections | |
| arrangement of electrical connectors for main current circuit | Flat terminal |
| type of electrical connection for main current circuit | busbar connection |
| Mechanical Design | |
| height | 662 mm |
| width | 100 mm |
| depth | 195 mm |
| fastening method | Flachanschluss, M 12 |
| mounting position | vertical |
| 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 |
| net weight | 9 kg |
| Environmental conditions | |
| ambient temperature during operation | |
| • minimum | -25 °C |
| • maximum | 55 °C |
| Approvals Certificates | |
| General Product Approval | other |



[Confirmation](#)



[Miscellaneous](#)

[Confirmation](#)

Environment

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3NJ4153-3BF01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ4153-3BF01>

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

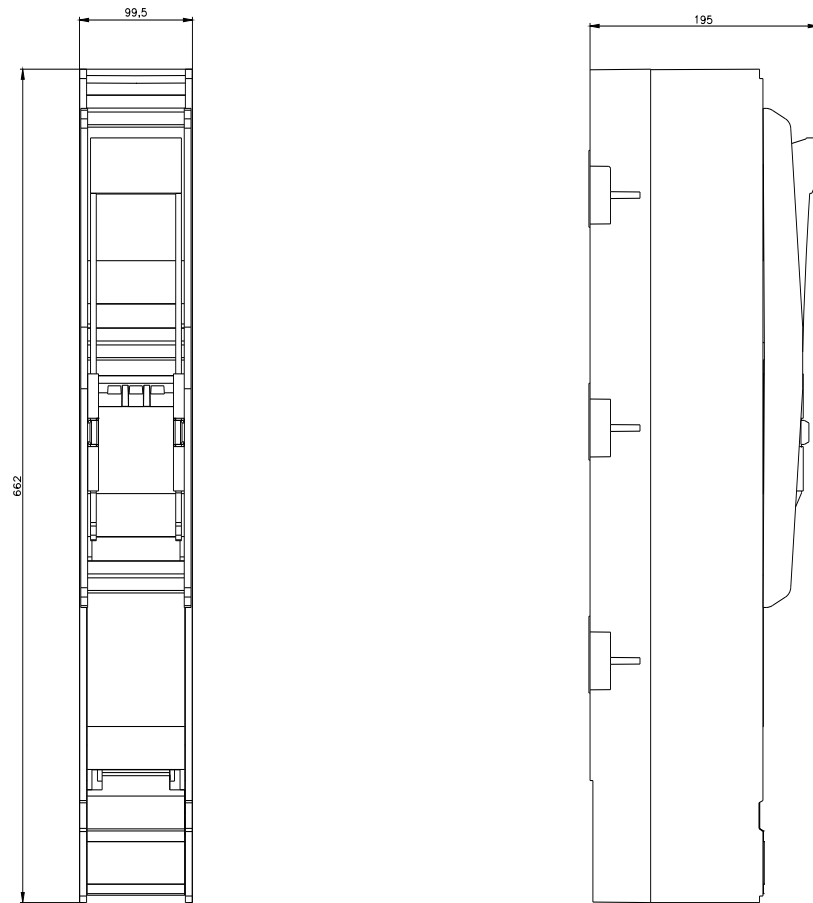
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ4153-3BF01

CAX-Online-Generator

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

Tender specifications

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



last modified:

7/29/2022 

