



SETRON, Fuse switch disconnecter 3NP5, 3-pole, NH00, 160 A, for assembly and installation on mounting plate, with High-speed closing, screw terminal, Fuse monitoring: through 3RV, Auxiliary switch at Switch disconnecter: 1 NO+1 NC, Auxiliary switch at the Fuse monitoring: 1 NO+1 NC

| Model                                                                                   |                                                                                                                       |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| product brand name                                                                      | SETRON                                                                                                                |
| product designation                                                                     | 3NP5 fuse switch disconnecter                                                                                         |
| design of the product                                                                   | auxiliary switch at the switch disconnecter: 1 NO + 1 NC, auxiliary switch at the fuse monitoring device: 1 NO + 1 NC |
| design of the safety monitoring                                                         | by 3RV                                                                                                                |
| design of the actuating element                                                         | Cover handle                                                                                                          |
| design of the load switch strip form                                                    | No                                                                                                                    |
| General technical data                                                                  |                                                                                                                       |
| number of poles                                                                         | 3                                                                                                                     |
| size of disconnecting link                                                              | NH000, NH00                                                                                                           |
| size of fuse link                                                                       | NH000, NH00                                                                                                           |
| mounting type                                                                           | Fixed mounting                                                                                                        |
| fuse system                                                                             | LV HRC fuse                                                                                                           |
| Voltage                                                                                 |                                                                                                                       |
| insulation voltage rated value                                                          | 690 V                                                                                                                 |
| surge voltage resistance rated value                                                    | 6 kV                                                                                                                  |
| operating voltage                                                                       |                                                                                                                       |
| • at AC rated value maximum                                                             | 690 V                                                                                                                 |
| • at DC rated value                                                                     | 440 V                                                                                                                 |
| Protection class                                                                        |                                                                                                                       |
| protection class IP on the front                                                        | IP00                                                                                                                  |
| Dissipation                                                                             |                                                                                                                       |
| power loss [W] for rated value of the current at AC in hot operating state per pole     | 2.66 W                                                                                                                |
| Main circuit                                                                            |                                                                                                                       |
| operational current rated value                                                         | 160 A                                                                                                                 |
| Suitability                                                                             |                                                                                                                       |
| suitability for use main switch                                                         | No                                                                                                                    |
| suitability for use switch disconnecter                                                 | Yes                                                                                                                   |
| suitability for use EMERGENCY OFF switch                                                | No                                                                                                                    |
| suitability for use safety switch                                                       | Yes                                                                                                                   |
| Product function                                                                        |                                                                                                                       |
| product function fuse monitoring                                                        | Yes                                                                                                                   |
| Short circuit                                                                           |                                                                                                                       |
| maximum short-circuit current breaking capacity (I <sub>cu</sub> ) at 400 V rated value | 1.6 kA                                                                                                                |
| Connections                                                                             |                                                                                                                       |
| type of electrical connection                                                           | 2.5 - 150 mm <sup>2</sup> DIN 46 234 a. up to 95 mm <sup>2</sup> DIN 46 235                                           |
| • for main current circuit                                                              | screw-type terminals                                                                                                  |

| Mechanical Design                                       |                |
|---------------------------------------------------------|----------------|
| height                                                  | 196 mm         |
| width                                                   | 134 mm         |
| depth                                                   | 161.5 mm       |
| number of modular width units                           | 1              |
| fastening method                                        | Mounting plate |
| fastening method                                        |                |
| • floor mounting                                        | Yes            |
| • rail mounting                                         | No             |
| net weight                                              | 2 435 g        |
| Environmental conditions                                |                |
| installation altitude at height above sea level maximum | 2 000 m        |
| ambient temperature during operation                    |                |
| • minimum                                               | -25 °C         |
| • maximum                                               | 55 °C          |
| ambient temperature during storage                      |                |
| • minimum                                               | -50 °C         |
| • maximum                                               | 80 °C          |
| Approvals Certificates                                  |                |
| General Product Approval                                |                |



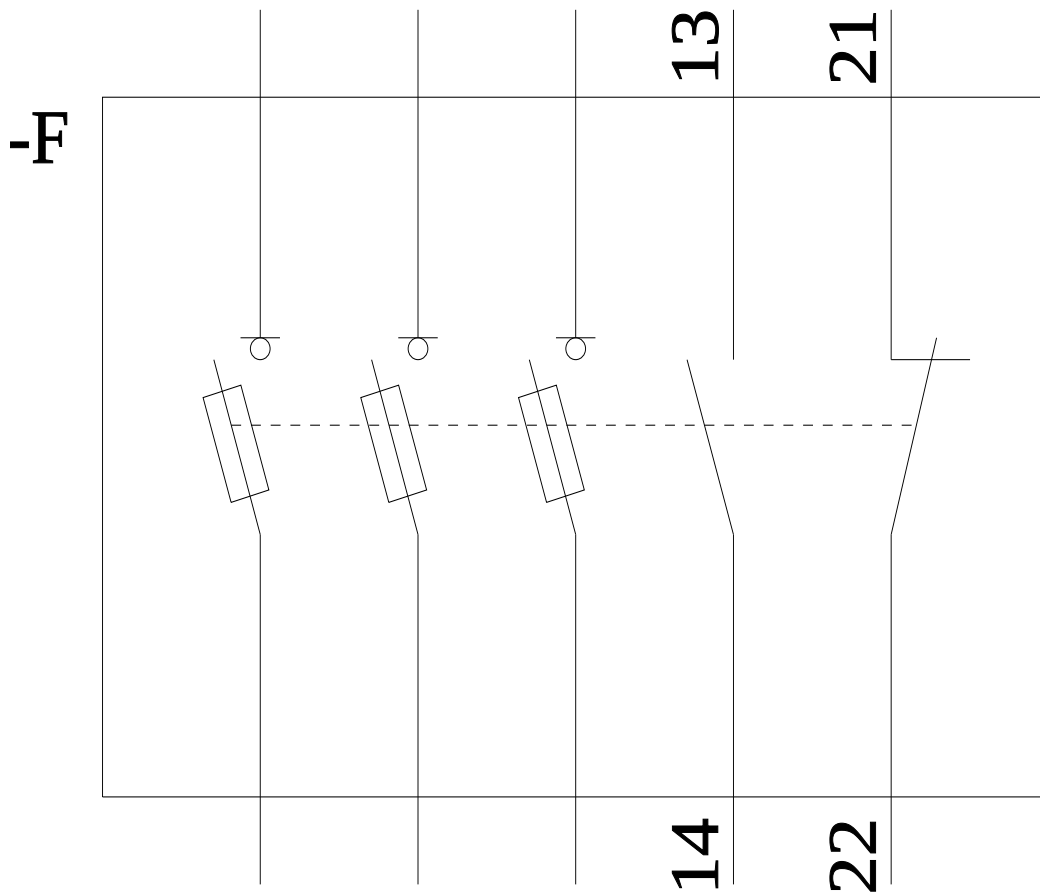
[Confirmation](#)

[Miscellaneous](#)



| other                         | Environment                  |
|-------------------------------|------------------------------|
| <a href="#">Confirmation</a>  | <a href="#">Confirmation</a> |
| <a href="#">Miscellaneous</a> | <a href="#">Confirmation</a> |
|                               | <a href="#">Confirmation</a> |
|                               | <a href="#">Confirmation</a> |

| Further information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Information on the packaging<br/> <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a></p> <p>Information- and Downloadcenter (Catalogs, Brochures,...)<br/> <a href="http://www.siemens.com/lowvoltage/catalogs">http://www.siemens.com/lowvoltage/catalogs</a></p> <p>Industry Mall (Online ordering system)<br/> <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NP5060-0EA86">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NP5060-0EA86</a></p> <p>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)<br/> <a href="https://support.industry.siemens.com/cs/ww/en/ps/3NP5060-0EA86">https://support.industry.siemens.com/cs/ww/en/ps/3NP5060-0EA86</a></p> <p>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)<br/> <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5060-0EA86">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5060-0EA86</a></p> <p>CAX-Online-Generator<br/> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a></p> <p>Tender specifications<br/> <a href="http://www.siemens.com/specifications">http://www.siemens.com/specifications</a></p> |



last modified:

3/11/2024

