



SENTRON, Fuse switch disconnecter 3NP5, 3-pole, NH00, 160 A, for assembly and installation on mounting plate, with High-speed closing, Clamp terminal, Auxiliary switch at Switch disconnecter: 1 NO+1 NC

| Model   |  |
|---|--|
| product brand name  | SENTRON  |
| product designation   | 3NP5 fuse switch disconnecter  |
| design of the product   | auxiliary switch at the switch disconnecter: 1 NO + 1 NC   |
| 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  | No   |
| 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   | 1 conductor 2.5 - 50 mm <sup>2</sup> , 2 conductors 1x2.5 - 50 mm <sup>2</sup> a. 1x2.5 - 35 mm <sup>2</sup> |
| • for main current circuit  | terminal clamp   |
| Mechanical Design   |  |
| height  | 196 mm   |

|                  |                |
|------------------|----------------|
| width            | 134 mm         |
| depth            | 97.5 mm        |
| fastening method | Mounting plate |
| fastening method |                |
| • floor mounting | Yes            |
| • rail mounting  | No             |
| Net Weight       | 1.753 kg       |

#### 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 | other |
|--------------------------|-------|



[Miscellaneous](#)



|       |             |
|-------|-------------|
| other | Environment |
|-------|-------------|

[Confirmation](#)

[Environmental Con-  
firmations](#)

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firmations](#)

#### Further information

##### Information on the packaging

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

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

##### 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?mifb=3NP5060-0CB10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5060-0CB10>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mifb=3NP5060-0CB10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=3NP5060-0CB10)

##### CAX-Online-Generator

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

##### Tender specifications

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





