



SENTRON, Fuse switch disconnecter 3NP5, 3-pole, NH3, 630 A, for assembly and installation on mounting plate, with High-speed closing, screw terminal

| Model | |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------|
| product brand name | SENTRON |
| product designation | 3NP5 fuse switch disconnecter |
| 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 | NH2, NH3 |
| size of fuse link | NH2, NH3 |
| 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 | 13 W |
| Main circuit | |
| operational current rated value | 630 A |
| Suitability | |
| suitability for use main switch | No |
| suitability for use switch disconnector | 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 _{cu}) at 400 V rated value | 5.04 kA |
| Connections | |
| type of electrical connection | 1x6 - 240 mm ² to 2x6 - 240 mm ² |
| • for main current circuit | screw-type terminals |
| Mechanical Design | |
| height | 300 mm |
| width | 276 mm |

| | |
|---------------------------------------------------------|----------------|
| depth | 207 mm |
| fastening method | Mounting plate |
| fastening method | |
| • floor mounting | Yes |
| • rail mounting | No |
| Net Weight | 7.876 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 | Test Certificates |
|--------------------------|-------------------|



[Miscellaneous](#)



[Type Test Certificates/Test Report](#)

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



[Confirmation](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

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=3NP5460-0CA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5460-0CA00>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=3NP5460-0CA00

CAX-Online-Generator

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

Tender specifications

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

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