



Similar to image

FUSE-SWITCH-DISCONNECTOR I = 160 A,  
U = 690 V,  
FOR 40MM BUSBAR SYSTEMS ADAPTOR DEEP,  
WITH FUSE MONITORING,  
FLAT PAD CONNE CT. M8, BOTTOM,  
FUSE SIZE NH00

| General technical details:                                                   |    |                                                                                                                                    |
|------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------|
| product brand name                                                           |    | SETRON                                                                                                                             |
| Product designation                                                          |    | 3NP4 fuse switch disconnecter                                                                                                      |
| Design of the product                                                        |    | for snapping on 40 mm busbar systems, with adapter, deep, with AUX -/1NO+1NC, without high-speed closing, with fuse monitoring SUE |
| Number of poles                                                              |    | 3                                                                                                                                  |
| Continuous current / rated value                                             | A  | 160                                                                                                                                |
| Current / rated value                                                        | A  | 160                                                                                                                                |
| Breaking capacity limit short-circuit current (Icu) / at 400 V / rated value | kA | 0.8                                                                                                                                |
| Type of voltage                                                              |    | AC/DC                                                                                                                              |
| • Control supply voltage / at 50 Hz / at AC / rated value                    |    |                                                                                                                                    |
| • Operating voltage / at 50/60 Hz / for AC / rated value                     | V  | 690                                                                                                                                |
| • Operating voltage / for DC / rated value                                   | V  | 220                                                                                                                                |
| Insulation voltage / rated value                                             | V  | 690                                                                                                                                |
| Impulse voltage resistance / rated value                                     | kV | 6                                                                                                                                  |
| Operating current / at AC-21 / rated value                                   | A  | 160                                                                                                                                |
| Design of the load switch / Strip form                                       |    | No                                                                                                                                 |
| Fuse system                                                                  |    | LV HRC fuse                                                                                                                        |

|                                                                                                                                                                                                |          |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------|
| Installation size of disconnecting link                                                                                                                                                        |          | 00 and 000                                            |
| Active power loss / maximum                                                                                                                                                                    | W        | 10                                                    |
| Product function / fuse monitoring                                                                                                                                                             |          | Yes                                                   |
| Design of the electrical connection / for main current circuit                                                                                                                                 |          | flat connector                                        |
| Number of NC contacts / for auxiliary contacts                                                                                                                                                 |          | 0                                                     |
| Number of NO contacts / for auxiliary contacts                                                                                                                                                 |          | 0                                                     |
| Number of changeover contacts / for auxiliary contacts                                                                                                                                         |          | 0                                                     |
| Acceptability for application <ul style="list-style-type: none"> <li>• switch disconnecter</li> <li>• emergency stop switch</li> <li>• main switch</li> <li>• safety cut-out switch</li> </ul> |          | system protection<br>Yes<br>No<br>No<br>Yes           |
| Design of the operating mechanism                                                                                                                                                              |          | handle unit                                           |
| Mounting type                                                                                                                                                                                  |          | busbar mounting                                       |
| Center line spacing                                                                                                                                                                            | mm       | 40                                                    |
| Protection class IP / on the front                                                                                                                                                             |          | IP00                                                  |
| Mounting type                                                                                                                                                                                  |          | Plug-in                                               |
| Number of width units                                                                                                                                                                          |          | 1                                                     |
| Installation altitude / at a height over sea level / maximum                                                                                                                                   | m        | 2,000                                                 |
| Design of the electrical connection                                                                                                                                                            |          | Flat-type terminal bottom, up to 2x70 mm <sup>2</sup> |
| Ambient temperature <ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>                                                                             | °C<br>°C | -25 ... +55<br>-50 ... +80                            |
| Degree of pollution                                                                                                                                                                            |          | 3                                                     |
| Height                                                                                                                                                                                         | mm       | 172.3                                                 |
| Width                                                                                                                                                                                          | mm       | 108                                                   |
| Depth                                                                                                                                                                                          | mm       | 229                                                   |
| Net weight                                                                                                                                                                                     | g        | 1,781                                                 |
| Reference code / according to DIN EN 61346-2                                                                                                                                                   |          | Q                                                     |
| Item designation / according to DIN EN 61346-2                                                                                                                                                 |          | Q                                                     |

#### Certificates/approvals:

General Product Approval

Declaration of  
Conformity

Test Certificates



CCC



GOST



EG-Konf.

[Special Test  
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<http://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3NP4075-0FF01>

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

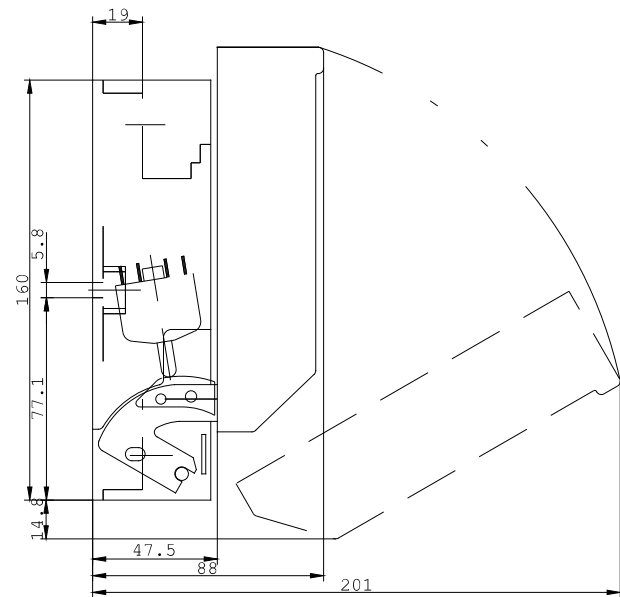
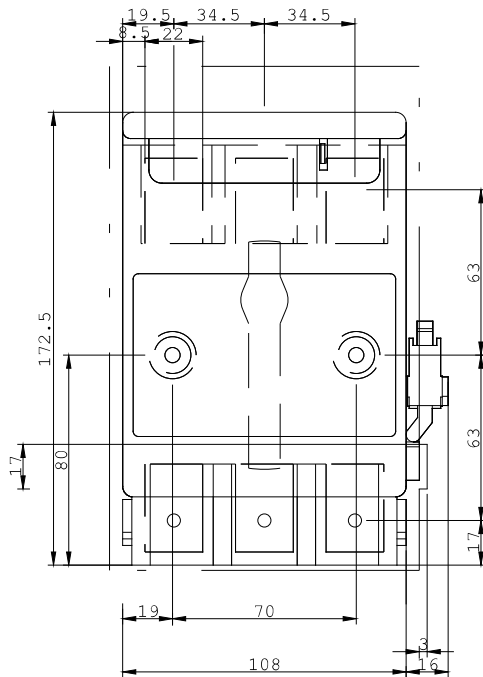
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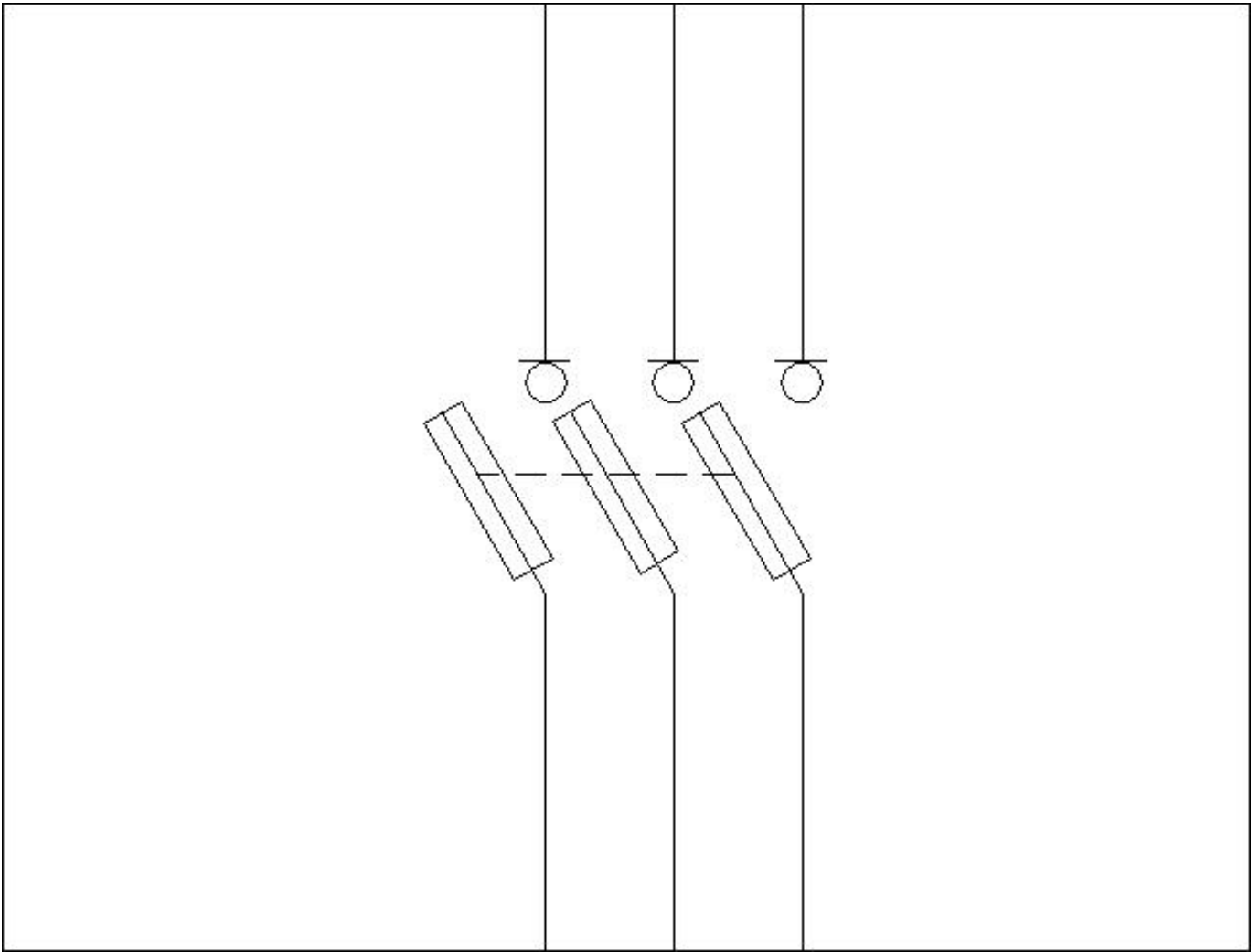
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NP4075-0FF01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP4075-0FF01)

## CAX-Online-Generator

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





last change:

Jul 28, 2014