

SWITCH DISCONNECTOR 3VA1 IEC FRAME 160 3-POLE SD100, IN=125A WITHOUT OVERLOAD PROTECTION WITHOUT SHORT CIRCUIT PROT. BUSBAR CONNECTION UNDERVOLTAGE RELEASE (UVR) 208-230 V AC 50/50 HZ 2 AUXILIARY SWITCH HQ



| Model | |
|---------------------------------|----------------------------|
| product brandname | SENTRON |
| Product designation | Switch disconnecter |
| Design of the product | in MCCB design |
| Number of poles | 3 |
| Design of the auxiliary release | Undervoltage release (UVR) |
| Design of the auxiliary switch | 2 auxiliary switches HQ |

| General technical data | |
|--|---------|
| Tension assignée d'isolement U_i | 800 V |
| Max. rated operational voltage U_e with AC 50/60Hz | 690 V |
| Max. rated operational voltage U_e with DC | 500 V |
| Active power loss / for rated value of the current / at AC / in hot operating state / per device | 38 W |
| Mechanical service life (switching cycles) / typical | 15 000 |
| Product function | |
| • communication function | No |
| Net weight | 1 050 g |

Electricity

| | |
|------------------------------|-------|
| Courant permanent assigné lu | 125 A |
|------------------------------|-------|

Mechanical Design

| | |
|--------|---------|
| Height | 130 mm |
| Width | 76.2 mm |
| Depth | 70 mm |

Connections

| | |
|---|-------------------|
| Arrangement of electrical connectors / for main current circuit | Front terminal |
| Type of electrical connection / for main current circuit | busbar connection |

Auxiliary circuit

| | |
|---|-----|
| Product component | |
| <ul style="list-style-type: none"> • undervoltage release | Yes |
| <ul style="list-style-type: none"> • Voltage trigger | No |
| <ul style="list-style-type: none"> • undervoltage release with leading contact | No |
| <ul style="list-style-type: none"> • Trip indicator | No |
| Number of CO contacts / for auxiliary contacts | 2 |

Accessories

| | |
|--|-----|
| Product extension / optional / motor drive | Yes |
|--|-----|

Environmental conditions

| | |
|--|--------|
| Protection class IP / on the front | IP40 |
| Ambient temperature | |
| <ul style="list-style-type: none"> • during operation / minimum | -25 °C |
| <ul style="list-style-type: none"> • during operation / maximum | 70 °C |
| <ul style="list-style-type: none"> • during storage / minimum | -40 °C |
| <ul style="list-style-type: none"> • during storage / maximum | 80 °C |

Certificates

| | |
|--|---|
| Equipment marking / acc. to DIN EN 81346-2 | Q |
|--|---|

| General Product Approval | EMC | Declaration of Conformity | Test Certificates | Shipping Approval |
|--------------------------|-----|---------------------------|-------------------|-------------------|
|--------------------------|-----|---------------------------|-------------------|-------------------|



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| Shipping Approval | other |
|-------------------|-------|
|-------------------|-------|



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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA1112-1AA32-0DC0>

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

<http://support.automation.siemens.com/WW/view/en/3VA1112-1AA32-0DC0/all>

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

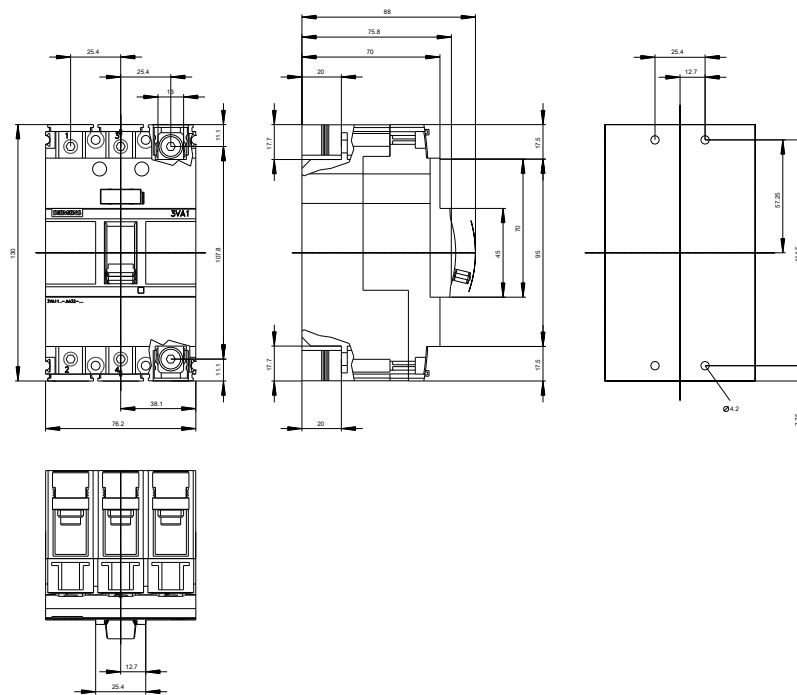
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3VA1112-1AA32-0DC0

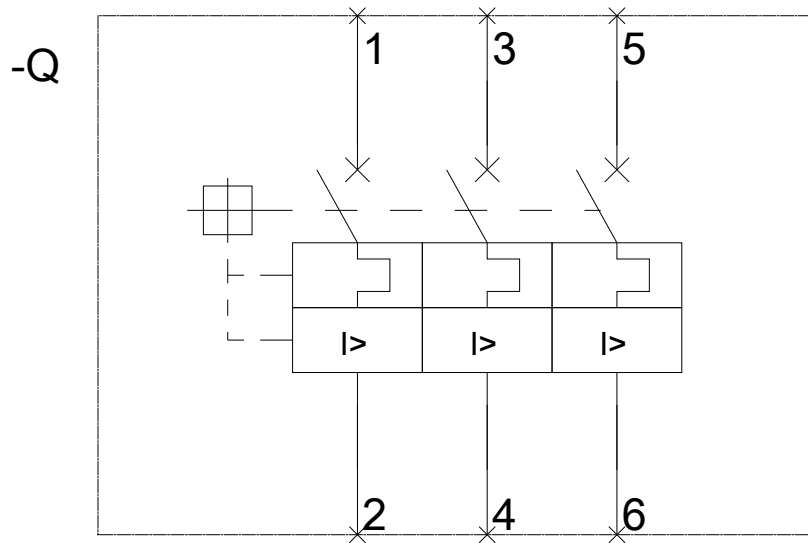
CAX-Online-Generator

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

Tender specifications

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





last modified:

10/24/2016