



switch disconnecter 3VA1 IEC frame 630 3-pole SD100, In=630A without overload protection w/o short-circuit protection nut keeper kit

| Model | |
|---|---------------------|
| product brand name | SETRON |
| product designation | Switch disconnecter |
| Product version | in MCCB design |
| number of poles | 3 |
| design of the auxiliary release | without |
| Auxiliary contact version | Without |
| General technical data | |
| rated insulation voltage Ui | 800 V |
| Max. rated operational voltage Ue with DC | 500 V |
| power loss [W] / maximum | 191 W |
| mechanical service life (switching cycles) / typical | 15 000 |
| product function / communication function | No |
| Net Weight | 4,803 kg |
| Current | |
| operational current | |
| • at 40 °C | 630 A |
| • at 45 °C | 630 A |
| • at 50 °C | 630 A |
| • at 55 °C | 618 A |
| • at 60 °C | 607 A |
| • at 65 °C | 595 A |
| • at 70 °C | 583 A |
| Mechanical Design | |
| Height | 248 mm |
| Width | 138 mm |
| depth | 110 mm |
| Connections | |
| arrangement of electrical connectors / for main current circuit | Front terminal |
| type of electrical connection / for main current circuit | busbar connection |
| design of the surface / of the connections / on the top of the switch (N, 1, 3, 5) | silver |
| design of the surface / of the connections / on the bottom of the switch (N, 2, 4, 6) | Silver |
| Auxiliary circuit | |
| product component | |
| • undervoltage release | No |
| • voltage trigger | No |
| • undervoltage release with leading contact | No |

| | | |
|--|------------|----------------------------------|
| • trip indicator | No | |
| number of CO contacts / for auxiliary contacts | 0 | |
| Accessories | | |
| product extension / optional / motor drive | Yes | |
| Environmental conditions | | |
| protection class IP / on the front | IP40 | |
| ambient temperature | | |
| • during operation / minimum | -25 °C | |
| • during operation / maximum | 70 °C | |
| • during storage / minimum | -40 °C | |
| • during storage / maximum | 80 °C | |
| Certificates | | |
| reference code / acc. to IEC 81346-2 | Q | |
| General Product Approval | EMC | Declaration of Conformity |



[Miscellaneous](#)



EG-Konf.

| | | |
|----------------------------------|--------------------------|--------------------------|
| Declaration of Conformity | Test Certificates | Marine / Shipping |
|----------------------------------|--------------------------|--------------------------|

[UK Declaration of Conformity](#)

[Special Test Certificate](#)

[Miscellaneous](#)



other

[Miscellaneous](#)

[Miscellaneous](#)

Further information

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?mlfb=3VA1463-1AA32-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA1463-1AA32-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA1463-1AA32-0AA0

CAX-Online-Generator

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

Tender specifications

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



