



Figure similar

transformer SITAS; phases: 1; Pn/Pn(S6)(kVA): 0.315 /1.12; Upri(V): 600-575-550-525-500- 480-460-440-415-400-240-230; Usec(V): 24; Isec(A): 13.1; F(Hz): 50...60; vector group/shielding winding: II0 /0; temperature rise/insulation class: 40 /B; IP00; connection: screw/flat-type connection; mounting: screws; EN 61558-2-2, -2-6 >UL/CSA-recognized< >control transformer< >safety transformer<

| General technical data               |    |                   |
|--------------------------------------|----|-------------------|
| product designation                  |    | transformer SITAS |
| product brand name                   |    | SIDAC             |
| operating apparent power rated value | VA | 315               |
| efficiency                           |    | 0.9               |
| connection method for transformers   |    | II0               |
| certificate of suitability           |    | CE / cRUus        |
| product function                     |    |                   |
| • temperature monitoring             |    | No                |
| • insulation monitoring              |    | No                |
| • short-circuit and overload proof   |    | No                |
| number of shielding windings         |    | 0                 |
| short-term vector power              | VA | 1 120             |
| relative short-circuit voltage       | %  | 4.93              |
| Inputs                               |    |                   |
| phase number of the inputs           |    | 1                 |
| input voltage                        |    |                   |
| • _1 rated value                     | V  | 600               |
| • _2 rated value                     | V  | 575               |
| • _3 rated value                     | V  | 550               |
| • _4 rated value                     | V  | 525               |
| • _5 rated value                     | V  | 500               |
| • _6 rated value                     | V  | 480               |
| • _7 rated value                     | V  | 460               |
| • _8 rated value                     | V  | 440               |
| • _9 rated value                     | V  | 415               |
| • _10 rated value                    | V  | 400               |
| • _11 rated value                    | V  | 240               |
| • _12 rated value                    | V  | 230               |
| electrical input frequency           |    |                   |
| • minimum                            | Hz | 50                |
| • maximum                            | Hz | 60                |
| Outputs                              |    |                   |
| phase number of the outputs          |    | 1                 |
| output voltage                       |    |                   |
| • _1 rated value                     | V  | 24                |
| electrical output frequency          |    |                   |
| • maximum                            | Hz | 60                |

|                                      |       |                                      |
|--------------------------------------|-------|--------------------------------------|
| • minimum                            | Hz    | 50                                   |
| <b>Ambient conditions</b>            |       |                                      |
| thermal class according to IEC 60085 |       | B                                    |
| ambient temperature rated value      | °C    | 40                                   |
| protection class IP                  |       | IP00                                 |
| <b>Mechanical data</b>               |       |                                      |
| type of electrical connection        |       |                                      |
| • at output for main current circuit |       | screw-type terminals / tab terminals |
| • at input for main current circuit  |       | screw-type terminals / tab terminals |
| fastening method                     |       | screws                               |
| construction form of the iron core   |       | EI 105/60                            |
| width                                | m     | 0.107                                |
| height                               | m     | 0.111                                |
| depth                                | m     | 0.12                                 |
| <b>Certificates/ approvals</b>       |       |                                      |
| General Product Approval             | other | Environment                          |



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#### 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,...)

<https://www.siemens.com/ic10>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4AM4342-8EN00-0EA0>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4342-8EN00-0EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4342-8EN00-0EA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM4342-8EN00-0EA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4342-8EN00-0EA0&lang=en)

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