



Figure similar

transformer SITAS; phases: 1; Pn/Pn(S6)(kVA): 0.25 /0.85; Upri(V): 600-575-550-525-500- 480-460-440-415-400-240-230; Usec(V): 2x115; Isec(A): 1.09-2.18; F(Hz): 50...60; vector group/shielding winding: II0 /0; temperature rise/insulation class: 40 /B; IP00; connection: screw/flat-type connection; mounting: screws / DIN rail; EN 61558-2-1, -2-2, -2-4 >UL/CSA-recognized< >control transformer< >isolation transformer<

| General technical data               |    |                   |
|--------------------------------------|----|-------------------|
| product designation                  |    | transformer SITAS |
| product brand name                   |    | SIDAC             |
| operating apparent power rated value | VA | 250               |
| efficiency                           |    | 0.89              |
| 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 | 850               |
| relative short-circuit voltage       | %  | 5.4               |
| 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  | 230               |
| • _2 rated value                     | V  | 115               |
| electrical output frequency          |    |                   |

- maximum
- minimum

|    |    |
|----|----|
| Hz | 60 |
| Hz | 50 |

#### Ambient conditions

|                                      |    |      |
|--------------------------------------|----|------|
| thermal class according to IEC 60085 |    | B    |
| ambient temperature rated value      | °C | 40   |
| protection class IP                  |    | IP00 |

#### Mechanical data

|                                                                                                                                     |   |                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------|
| type of electrical connection                                                                                                       |   |                                                                              |
| <ul style="list-style-type: none"> <li>• at output for main current circuit</li> <li>• at input for main current circuit</li> </ul> |   | screw-type terminals / tab terminals<br>screw-type terminals / tab terminals |
| fastening method                                                                                                                    |   | screws / DIN rail                                                            |
| construction form of the iron core                                                                                                  |   | EI 96/58                                                                     |
| width                                                                                                                               | m | 0.098                                                                        |
| height                                                                                                                              | m | 0.106                                                                        |
| depth                                                                                                                               | m | 0.118                                                                        |

#### Certificates/ approvals

|                          |       |             |
|--------------------------|-------|-------------|
| General Product Approval | other | Environment |
|--------------------------|-------|-------------|



[Confirmation](#)

[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,...)

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

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

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4AM4042-8ED40-0FA0>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4042-8ED40-0FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4042-8ED40-0FA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM4042-8ED40-0FA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4042-8ED40-0FA0&lang=en)

last modified:

4/2/2025