

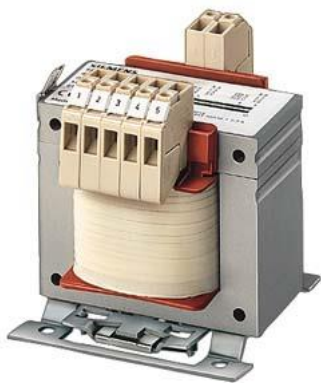


Figure similar

transformer SITAS; phases: 1; Pn/Pn(S6)(kVA): 0.315 /1.12;  
Upri(V): 400-230+/-15; Usec(V): 230-115; Isec(A): 1.37-2.74; 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 61558-2-1, -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 | 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       | %  | 4.97              |
| Inputs                               |    |                   |
| phase number of the inputs           |    | 1                 |
| input voltage                        |    |                   |
| • _1 rated value                     | V  | 415               |
| • _2 rated value                     | V  | 400               |
| • _3 rated value                     | V  | 385               |
| • _4 rated value                     | V  | 245               |
| • _5 rated value                     | V  | 230               |
| • _6 rated value                     | V  | 215               |
| 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                            | Hz | 60                |
| • minimum                            | Hz | 50                |
| Ambient conditions                   |    |                   |
| thermal class according to IEC 60085 |    | B                 |
| ambient temperature rated value      | °C | 40                |
| protection class IP                  |    | IP00              |

#### Mechanical data

|                                                                                                                                                                       |   |                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------|
| <b>type of electrical connection</b> <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 |
| <b>fastening method</b>                                                                                                                                               |   | screws                                                                       |
| <b>construction form of the iron core</b>                                                                                                                             |   | EI 105/60                                                                    |
| <b>width</b>                                                                                                                                                          | m | 0.107                                                                        |
| <b>height</b>                                                                                                                                                         | m | 0.111                                                                        |
| <b>depth</b>                                                                                                                                                          | m | 0.12                                                                         |

#### 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=4AM4342-8JD40-0FA0>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4342-8JD40-0FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4342-8JD40-0FA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM4342-8JD40-0FA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4342-8JD40-0FA0&lang=en)

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