



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,1 /0,31; UPRI(V):400+/-5%;  
 USEC(V):230-115; ISEC(A):0,43-0,86; F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B;  
 IP00; TYPE OF TERMINALS:SCREW/TAB  
 CONNECTION; INSTALLATION:SCREWS/MOUNTING  
 RAILS; EN 61558-2-1, -2-2, -2-4

### General technical data:

|  |     |                   |
|--|-----|-------------------|
| <b>Product designation</b>                   |     | transformer SITAS |
| <b>product brand name</b>                    |     | SIDAC             |
| <b>Operating apparent output Rated value</b> | V·A | 100               |
| <b>Efficiency</b>                            |     | 0.86              |
| <b>Connection method for transformers</b>    |     | II0               |
| <b>Certificate of suitability</b>            |     | CE                |
| <b>Product function</b>                      |     |                   |
| • Temperature monitoring                     |     | No                |
| • Insulation monitoring                      |     | No                |
| • Short-circuit and overload proof           |     | No                |
| <b>Number of shielding windings</b>          |     | 0                 |
| <b>Short-term vector power</b>               | V·A | 310               |
| <b>Relative short-circuit voltage</b>        | %   | 7.7               |

### Inputs:

|                                   |    |     |
|-----------------------------------|----|-----|
| <b>Phase number of the inputs</b> |    | 1   |
| <b>Input voltage</b>              |    |     |
| • _1 Rated value                  | V  | 420 |
| • _2 Rated value                  | V  | 400 |
| • _3 Rated value                  | V  | 380 |
| <b>Electrical input frequency</b> |    |     |
| • minimum                         | Hz | 50  |
| • maximum                         | Hz | 60  |

### Outputs:

|                                    |    |     |
|------------------------------------|----|-----|
| <b>Phase number of the outputs</b> |    | 1   |
| <b>Output voltage</b>              |    |     |
| • _1 Rated value                   | V  | 230 |
| • _2 Rated value                   | V  | 115 |
| <b>Electrical output frequency</b> |    |     |
| • maximum                          | Hz | 60  |
| • minimum                          | Hz | 50  |

#### Ambient conditions:

|  |    |      |
|--|----|------|
| <b>Thermal class acc. to IEC 60085</b> |    | B    |
| <b>Ambient temperature Rated value</b> | °C | 40   |
| <b>Protection class IP</b>             |    | IP00 |

#### Mechanical data:

|   |   |                                      |
|---|---|--------------------------------------|
| <b>Type of electrical connection</b>      |   |                                      |
| • at output for main current circuit      |   | screw-type terminals / tab terminals |
| • at input for main current circuit       |   | screw-type terminals / tab terminals |
| <b>Mounting type</b>                      |   | screws / standard rail               |
| <b>Construction form of the iron core</b> |   | EI 84/42                             |
| <b>Width</b>                              | m | 0.086                                |
| <b>Height</b>                             | m | 0.098                                |
| <b>Depth</b>                              | m | 0.102                                |

#### Certificates/ approvals:

|                                 |                          |              |
|---------------------------------|--------------------------|--------------|
| <b>General Product Approval</b> | <b>Shipping Approval</b> | <b>other</b> |
|---------------------------------|--------------------------|--------------|



[other](#)

#### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

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

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

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM34425AD400FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM34425AD400FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM34425AD400FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM34425AD400FA0&lang=en)

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