



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):1,2 /7,3; UPRI(V):600-575-550-525-  
 500- 480-460-440-415-400-240-230; USEC(V):2X115;  
 ISEC(A):2X5,22; F(HZ):50...60; VECTOR GR./SHIELD  
 WNG.:II0 /0; TA/ISOKL:40 /B; IP54; TYPE OF  
 TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW; EN 61558-2-1, -2-2, -2-4  
 >UL/CSA-RECOGNIZED< >CONTROL CIRCUIT  
 TRANSFORMER< >ISOLATION TRANSFORMER<

General technical data:

|                                       |     |                   |
|---------------------------------------|-----|-------------------|
| Product designation                   |     | transformer SITAS |
| product brand name                    |     | SIDAC             |
| Operating apparent output Rated value | V·A | 1 200             |
| Efficiency                            |     | 0.96              |
| 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               | V·A | 7 300             |
| Relative short-circuit voltage        | %   | 2.1               |

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 |
| <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>             |    | IP54 |

#### 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                               |
| <b>Construction form of the iron core</b> |   | EI 174/82                            |
| <b>Width</b>                              | m | 0.351                                |
| <b>Height</b>                             | m | 0.395                                |
| <b>Depth</b>                              | m | 0.33                                 |

#### 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=4AM61428ED400FD0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM61428ED400FD0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM61428ED400FD0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM61428ED400FD0&lang=en)

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