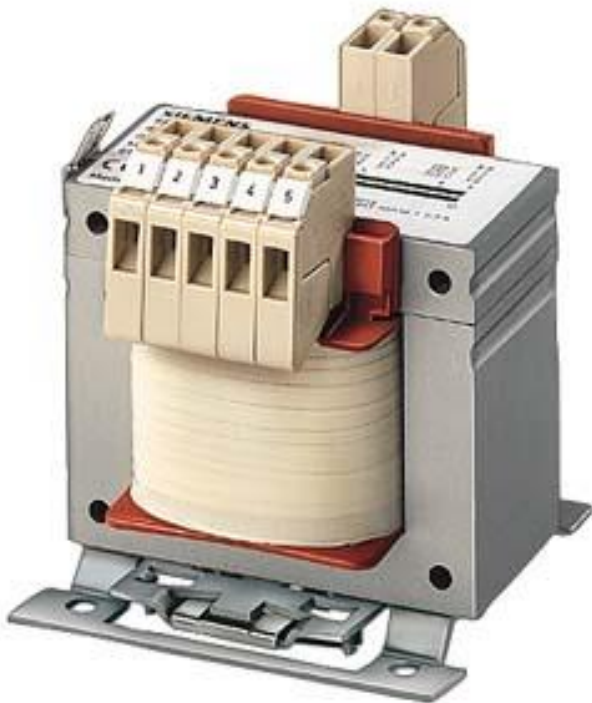




TRANSFORMER SITAS; PHASES:1;  
PN/PN(S6)(KVA):0,4 /1,44; UPRI(V):600-575-550-525-  
500- 480-460-440-415-400-240-230; USEC(V):2X115;  
ISEC(A):1,74-3,5; F(HZ):50...60; VECTOR GR./SHIELD  
WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF  
TERMINALS:SCREW/TAB CONNECTION;  
INSTALLATION:SCREW; EN 61558-2-1, -2-2, -2-4  
>UL/CSA-RECOGNIZED< >CONTROL CIRCUIT  
TRANSFORMER< >ISOLATION TRANSFORMER<

Figure similar

| General technical data                |     |                   |
|---------------------------------------|-----|-------------------|
| Product designation                   |     | transformer SITAS |
| Product brand name                    |     | SIDAC             |
| Operating apparent output rated value | V·A | 400               |
| Efficiency                            |     | 0.91              |
| 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 | 1 440             |
| Relative short-circuit voltage        | %   | 7.04              |
| 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>             |    | 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                               |
| <b>Construction form of the iron core</b> |   | EI 120/52                            |
| <b>Width</b>                              | m | 0.122                                |
| <b>Height</b>                             | m | 0.121                                |
| <b>Depth</b>                              | m | 0.114                                |

## Certificates/ approvals

|                                  |                           |                        |       |
|----------------------------------|---------------------------|------------------------|-------|
| General<br>Product Ap-<br>proval | Declaration of Conformity | Shipping Ap-<br>proval | other |
|----------------------------------|---------------------------|------------------------|-------|



[Miscellaneous](#)



[Confirmation](#)

#### Further information

**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=4AM4642-8ED40-0FA0>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4642-8ED40-0FA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4642-8ED40-0FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM4642-8ED40-0FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4642-8ED40-0FA0&lang=en)

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