SIEMENS

## Data sheet 4AM4642-8DD40-0FB0

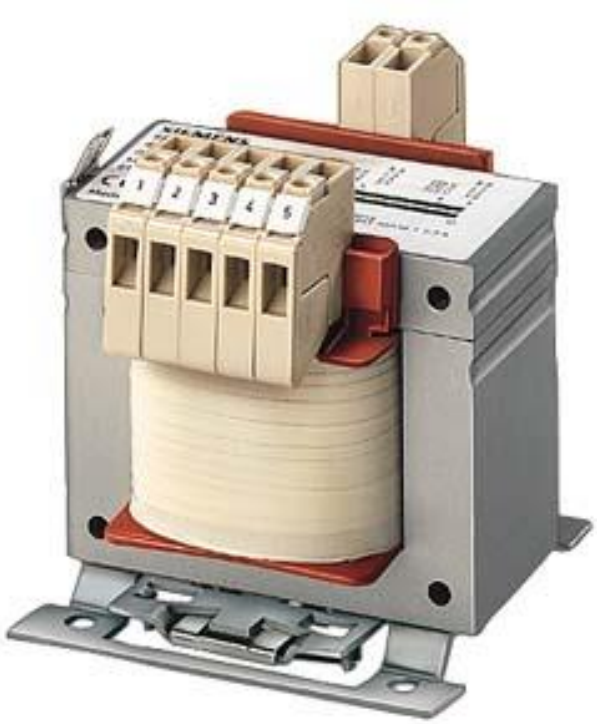


Figure similar

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,4 /1,44; UPRI(V):550-525-500-480-460- 440-415-400-380-230-208; USEC(V):2X115; ISEC(A):2X1,74; F(HZ):50...60; VECTOR GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP00; TYPE OF TERMINALS:SCREW/TAB CONNECTION; INSTALLATION:MOUNTING RAILS; 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 | 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** | % | 4.4 |

| Inputs: | | |
|---|---|---|
| **Phase number of the inputs** | | 1 |
| **Input voltage** | | |


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| | | |
|---|---|---|
| • _1 rated value | V | 550 |
| • _2 rated value | V | 525 |
| • _3 rated value | V | 500 |
| • _4 rated value | V | 480 |
| • _5 rated value | V | 460 |
| • _6 rated value | V | 440 |
| • _7 rated value | V | 415 |
| • _8 rated value | V | 400 |
| • _9 rated value | V | 380 |
| • _10 rated value | V | 230 |
| • _11 rated value | V | 208 |
| **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 acc. to IEC 60085** | | B |
| **Ambient temperature rated value** | °C | 40 |
| **Protection class IP** | | IP00 |

| Mechanical data: | | |
|---|---|---|
| **Type of electrical connection** | | |
| • at output for main current circuit | | screw-type terminals / tab terminals |
| • at input for main current circuit | | screw-type terminals / tab terminals |
| **Mounting type** | | standard rail |
| **Construction form of the iron core** | | EI 120/52 |
| **Width** | m | 0.122 |
| **Height** | m | 0.121 |
| **Depth** | m | 0.114 |

Certificates/ approvals:


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| General Product Approval | Declaration of Conformity | Shipping Approval | other |
|---|---|---|---|
| EAC | CE EG-Konf. | PRS | |

Miscellaneous

Confirmation

## 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=4AM4642-8DD40-0FB0

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/4AM4642-8DD40-0FB0

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4642-8DD40-0FB0&lang=en

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