

TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(KVA):0,16 /0,49;  
UPRI(V):600-575-550-525-500- 480-460-440-415-400-240-230;  
USEC(V):24; ISEC(A):6,67; F(HZ):50...60; VECTOR GR./SHIELD  
WNG.:II0 /0; TA/ISOGL:40 /B; IP00; TYPE OF  
TERMINALS:SCREW/TAB CONNECTION;  
INSTALLATION:SCREWS/MOUNTING RAILS; EN 61558-2-2, -2-6  
>UL/CSA-RECOGNIZED< >CONTROL CIRCUIT  
TRANSFORMER< >SAFETY ISOLATING TRANSFORMER<

| General technical data               |    |                                      |
|--------------------------------------|----|--------------------------------------|
| product designation                  |    | transformer SITAS                    |
| product brand name                   |    | SIDAC                                |
| operating apparent power rated value | VA | 160                                  |
| efficiency                           |    | 0.86                                 |
| 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 | 490                                  |
| relative short-circuit voltage       | %  | 7.7                                  |
| 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                                  |
| electrical input frequency           |    |                                      |
| • minimum                            | Hz | 50                                   |
| • maximum                            | Hz | 60                                   |
| Outputs                              |    |                                      |
| phase number of the outputs          |    | 1                                    |
| output voltage                       |    |                                      |
| • _1 rated value                     | V  | 24                                   |
| 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                      |    |                                      |
| 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 |
| <b>fastening method</b>                   |   | screws / DIN rail                    |
| <b>construction form of the iron core</b> |   | EI 96/44                             |
| <b>width</b>                              | m | 0.098                                |
| <b>height</b>                             | m | 0.106                                |
| <b>depth</b>                              | m | 0.104                                |

#### Certificates/ approvals

|                          |                           |                   |       |
|--------------------------|---------------------------|-------------------|-------|
| General Product Approval | Declaration of Conformity | Marine / Shipping | other |
|--------------------------|---------------------------|-------------------|-------|



[Confirmation](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=4AM3842-8EN00-0EA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM3842-8EN00-0EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM3842-8EN00-0EA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM3842-8EN00-0EA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM3842-8EN00-0EA0&lang=en)

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