

TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):0,04 /0;  
 UPRI(V):230+/-5%;  
 USEC(V):24;  
 ISEC(A):1,67;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:li0 /0;  
 TA/ISOKL:40 /B;  
 IP00;  
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW;  
 EN 61558-2-6 >UL/CSA-RECOGNIZED< >SAFETY  
 ISOLATING TRANSFORMER<

**General technical details:**

|   |     |                   |
|---|-----|-------------------|
| <b>Product designation</b>  |     | transformer SITAS |
| <b>product brand name</b>   |     | SIDAC             |
| <b>Operating apparent output / rated value</b>  | V·A | 40                |
| <b>Efficiency</b>   |     | 0.76              |
| <b>Manner of switching for transformers</b>   |     | li0               |
| <b>Verification of suitability</b>  |     | CE / cRUus        |
| <b>Product function</b>   |     |                   |
| <ul style="list-style-type: none"> <li>• temperature surveillance</li> </ul>              |     | No                |
| <ul style="list-style-type: none"> <li>• isolation control</li> </ul>                     |     | No                |
| <ul style="list-style-type: none"> <li>• short circuit and overload protection</li> </ul> |     | No                |
| <b>Number of the protective coils</b>   |     | 0                 |
| <b>Relative short-circuit voltage</b>   | %   | 15.3              |

**Inputs:**

|  |    |     |
|--|----|-----|
| <b>Phase number / of the inputs</b>                                  |    | 1   |
| <b>Input voltage</b>   |    |     |
| <ul style="list-style-type: none"> <li>• _1 / rated value</li> </ul> | V  | 242 |
| <ul style="list-style-type: none"> <li>• _2 / rated value</li> </ul> | V  | 230 |
| <ul style="list-style-type: none"> <li>• _3 / rated value</li> </ul> | V  | 218 |
| <b>Electrical input frequency</b>                                    |    |     |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>          | Hz | 50  |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>          | Hz | 60  |

**Outputs:**

|  |          |          |
|--|----------|----------|
| <b>Phase number / of the outputs</b>                         |          | 1        |
| <b>Output voltage</b><br>• _1 / rated value                  | V        | 24       |
| <b>Electrical output frequency</b><br>• maximum<br>• minimum | Hz<br>Hz | 60<br>50 |

#### Ambient conditions:

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

#### Mechanical design:

|  |   |  |
|--|---|--|
| <b>Design of the electrical connection</b><br>• secondary side / for main current circuit<br>• at the input / for main current circuit |   | screw-type terminals / tab terminals<br>screw-type terminals / tab terminals |
| <b>Mounting type</b>   |   | screws   |
| <b>Construction form of the iron core</b>  |   | EI 66/22   |
| <b>Width</b>   | m | 0.068  |
| <b>Height</b>  | m | 0.075  |
| <b>Depth</b>   | m | 0.08   |

#### Certificates/approvals:

General Product Approval

Shipping Approval

other



GOST



PRS

[other](#)

#### Further information:

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

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

**Industry Mall (Online ordering system)**

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

**CAX-Online-Generator**

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

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

<http://support.automation.siemens.com/WWW/view/en/4AM2642-4TN00-0EA0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AM2642-4TN00-0EA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM2642-4TN00-0EA0)

last change:

Dec 5, 2011