

TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):0,05 /0,19;  
 UPRI(V):230+/-5%;  
 USEC(V):24;  
 ISEC(A):2,09;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:II0 /0;  
 TA/ISOKL:40 /B;  
 IP54;  
 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 details:

|                                         |     |                   |
|-----------------------------------------|-----|-------------------|
| Product designation                     |     | transformer SITAS |
| product brand name                      |     | SIDAC             |
| Operating apparent output / rated value | V·A | 50                |
| Efficiency                              |     | 0.85              |
| Manner of switching for transformers    |     | II0               |
| Verification of suitability             |     | CE / cRUus        |
| Product function                        |     |                   |
| • temperature surveillance              |     | No                |
| • isolation control                     |     | No                |
| • short circuit and overload protection |     | No                |
| Number of the protective coils          |     | 0                 |
| Short-term vector power                 | V·A | 190               |
| Relative short-circuit voltage          | %   | 8.71              |

### Inputs:

|                              |    |     |
|------------------------------|----|-----|
| Phase number / of the inputs |    | 1   |
| Input voltage                |    |     |
| • _1 / rated value           | V  | 242 |
| • _2 / rated value           | V  | 230 |
| • _3 / rated value           | V  | 218 |
| 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
- minimum

Hz

60

Hz

50

#### Ambient conditions:

**Thermal class / according to IEC 60085**

B

**Ambient temperature / rated value**

°C

40

**Protection class IP**

IP54

#### Mechanical design:

**Design of the electrical connection**

- secondary side / for main current circuit
- at the input / for main current circuit

screw-type terminals / tab terminals

screw-type terminals / tab terminals

**Mounting type**

screws / standard rail

**Construction form of the iron core**

EI 84/28

**Width**

m

0.149

**Height**

m

0.155

**Depth**

m

0.135

#### Certificates/approvals:

**General Product Approval**

**Shipping Approval**

**other**



[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/WW/view/en/4AM3242-4TN00-0ED0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AM3242-4TN00-0ED0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM3242-4TN00-0ED0)

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