



Figure similar

TRANSFORMER SITAS; PHASES:1;  
 PN/PN(S6)(KVA):0,85 /5; UPRI(V):500+/-5%;  
 USEC(V):230; ISEC(A):3,7; F(HZ):50...60; VECTOR  
 GR./SHIELD WNG.:II0 /0; TA/ISOKL:40 /B; IP23; TYPE  
 OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW; 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 | 850               |
| Efficiency                            |     | 0.93              |
| 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 | 5 000             |
| Relative short-circuit voltage        | %   | 2.5               |

### Inputs:

|                            |    |     |
|----------------------------|----|-----|
| Phase number of the inputs |    | 1   |
| Input voltage              |    |     |
| • _1 Rated value           | V  | 525 |
| • _2 Rated value           | V  | 500 |
| • _3 Rated value           | V  | 475 |
| Electrical input frequency |    |     |
| • minimum                  | Hz | 50  |
| • maximum                  | Hz | 60  |

### Outputs:

|                             |    |     |
|-----------------------------|----|-----|
| Phase number of the outputs |    | 1   |
| Output voltage              |    |     |
| • _1 Rated value            | V  | 230 |
| 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             |    | IP23 |

#### 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                        |   | screws                               |
| Construction form of the iron core   |   | EI 150/90                            |
| Width                                | m | 0.244                                |
| Height                               | m | 0.245                                |
| Depth                                | m | 0.23                                 |

#### 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/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM57425FT100FC0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM57425FT100FC0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM57425FT100FC0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM57425FT100FC0&lang=en)

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