



Figure similar

TRANSFORMER SITAS; PHASES:1;
 PN/PN(S6)(KVA):0,16 /0,49; UPRI(V):500+/-5%;
 USEC(V):24; ISEC(A):6,667; F(HZ):50...60; VECTOR
 GR./SHIELD WNG.:II0 /0; TA/ISOKL: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 output Rated value | V·A | 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 | V·A | 490 |
| Relative short-circuit voltage | % | 8.8 |

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 | 24 |
| 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 | | screws / standard rail |
| Construction form of the iron core | | EI 96/44 |
| Width | m | 0.098 |
| Height | m | 0.106 |
| Depth | m | 0.104 |

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=4AM38425FN000EA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM38425FN000EA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM38425FN000EA0&lang=en

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