

TRANSFORMATOR F. MED-RAEUME;  
 PHASES:1;  
 PN(KVA):2,5;  
 UPRI(V):230;  
 IPRI(A):11,4;  
 USEC(V):230-115;  
 ISEC(A):10,9-10,9;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:II0 /1;  
 TA/ISOKL:55 /H;  
 IP23;  
 TYPE OF TERMINALS:SCREW CONNECTION;  
 INSTALLATION:SCREW;  
 EN 61558-2-15 >ISOLATION TRANSFORMER<

### General technical details:

|                                         |     |                           |
|-----------------------------------------|-----|---------------------------|
| Product designation                     |     | transformer for MED-rooms |
| product brand name                      |     | SIDAC                     |
| Operating apparent output / rated value | V·A | 2,500                     |
| Efficiency                              |     | 0.95                      |
| Manner of switching for transformers    |     | II0                       |
| Verification of suitability             |     | CE                        |
| Product function                        |     |                           |
| • temperature surveillance              |     | Yes                       |
| • isolation control                     |     | No                        |
| • short circuit and overload protection |     | No                        |
| Number of the protective coils          |     | 1                         |

### Inputs:

|                              |    |     |
|------------------------------|----|-----|
| Phase number / of the inputs |    | 1   |
| Input voltage                |    |     |
| • _1 / 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 | 230 |

|                                    |    |     |
|------------------------------------|----|-----|
| • $U_n$ / rated value              | V  | 115 |
| <b>Electrical output frequency</b> |    |     |
| • maximum                          | Hz | 60  |
| • minimum                          | Hz | 50  |

|                                               |    |      |
|-----------------------------------------------|----|------|
| <b>Ambient conditions:</b>                    |    |      |
| <b>Thermal class / according to IEC 60085</b> |    | H    |
| <b>Ambient temperature / rated value</b>      | °C | 55   |
| <b>Protection class IP</b>                    |    | IP23 |

|                                             |   |                      |
|---------------------------------------------|---|----------------------|
| <b>Mechanical design:</b>                   |   |                      |
| <b>Design of the electrical connection</b>  |   |                      |
| • secondary side / for main current circuit |   | screw-type terminals |
| • at the input / for main current circuit   |   | screw-type terminals |
| <b>Type of the temperature monitoring</b>   |   | warning              |
| <b>Mounting type</b>                        |   | screws               |
| <b>Construction form of the iron core</b>   |   | UI 150/75            |
| <b>Width</b>                                | m | 0.351                |
| <b>Height</b>                               | m | 0.395                |
| <b>Depth</b>                                | m | 0.33                 |

|                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Certificates/approvals:</b>                                                      |                                                                                     |                                                                                     |
| <b>General Product Approval</b>                                                     | <b>Shipping Approval</b>                                                            | <b>other</b>                                                                        |
|  |  |  |
|                                                                                     |                                                                                     | <a href="#">Declaration of Conformity</a>                                           |
|                                                                                     |                                                                                     | <a href="#">other</a>                                                               |

|                                                                                                                                                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Further information:</b>                                                                                                                                             |  |
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b>                                                                                                        |  |
| <a href="http://www.siemens.com/industrial-controls/catalogs">http://www.siemens.com/industrial-controls/catalogs</a>                                                   |  |
| <b>Industry Mall (Online ordering system)</b>                                                                                                                           |  |
| <a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>                                                           |  |
| <b>CAX-Online-Generator</b>                                                                                                                                             |  |
| <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>                                                                                                     |  |
| <b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b>                                                                                           |  |
| <a href="http://support.automation.siemens.com/WW/view/en/4AT3012-1TA71-3MCO/all">http://support.automation.siemens.com/WW/view/en/4AT3012-1TA71-3MCO/all</a>           |  |
| <b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)</b>                                                                  |  |
| <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AT3012-1TA71-3MCO">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AT3012-1TA71-3MCO</a> |  |

last change:

Dec 5, 2011