

SAFETY ISOLATING TRANSFORMER;  
 PHASES:1;  
 PN(KVA):0,02;  
 UPRI(V):230+/-5%;  
 USEC(V):24;  
 ISEC(A):0,83;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:li0 /0;  
 TA/ISOKL:40 /B;  
 IP54;  
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW;  
 EN 61558-2-1,  
 -2-6 >UL/CSA-RECOGNIZED< >SAFETY ISOLATING  
 TRANSFORMER<

**General technical details:**

<b>Product designation</b>		safety isolating transformer
<b>product brand name</b>		SIDAC
<b>Operating apparent output / rated value</b>	V·A	20
<b>Efficiency</b>		0.74
<b>Manner of switching for transformers</b>		li0
<b>Verification of suitability</b>		CE / cRUus
<b>Product function</b>		
• temperature surveillance		No
• isolation control		No
• short circuit and overload protection		No
<b>Number of the protective coils</b>		0
<b>Relative short-circuit voltage</b>	%	17.6

**Inputs:**

<b>Phase number / of the inputs</b>		1
<b>Input voltage</b>		
• _1 / rated value	V	242
• _2 / rated value	V	230
• _3 / rated value	V	218
<b>Electrical input frequency</b>		
• minimum	Hz	50
• maximum	Hz	60

## Outputs:

<b>Phase number / of the outputs</b>		1
<b>Output voltage</b> <ul style="list-style-type: none"><li>• _1 / rated value</li></ul>	V	24
<b>Electrical output frequency</b> <ul style="list-style-type: none"><li>• maximum</li><li>• minimum</li></ul>	Hz Hz	60 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>		IP54

## Mechanical design:

<b>Design of the electrical connection</b> <ul style="list-style-type: none"><li>• secondary side / for main current circuit</li><li>• at the input / for main current circuit</li></ul>		screw-type terminals / tab terminals screw-type terminals / tab terminals
<b>Mounting type</b>		screws
<b>Construction form of the iron core</b>		EI 60/20
<b>Width</b>	m	0.149
<b>Height</b>	m	0.155
<b>Depth</b>	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/WWW/view/en/4AM2342-4TN00-0ED0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AM2342-4TN00-0ED0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AM2342-4TN00-0ED0)

**last change:**

Dec 5, 2011