

POWER TRANSFORMER;  
 PHASES:3;  
 PN(KVA):100;  
 UPRI(V):400;  
 USEC(V):400;  
 ISEC(A):144,3;  
 UK(%):3,22;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:DYN5 /0;  
 TA/ISOKL:40 /H;  
 IP00;  
 TYPE OF TERMINALS:FLAT-TYPE TERMINAL;  
 INSTALLATION:SCREW;  
 VDE 0532

### General technical details:

<b>Product designation</b>		power transformer
<b>product brand name</b>		SIDAC
<b>Operating apparent output / rated value</b>	V·A	100,000
<b>Efficiency</b>		0.96
<b>Manner of switching for transformers</b>		Dyn5
<b>Verification of suitability</b>		CE
<b>Product function</b>		
• temperature surveillance		No
• isolation control		No
• short circuit and overload protection		No
<b>Number of the protective coils</b>		0

### Inputs:

<b>Phase number / of the inputs</b>		3
<b>Input voltage</b>		
• _1 / rated value	V	400
<b>Electrical input frequency</b>		
• minimum	Hz	50
• maximum	Hz	60

### Outputs:

<b>Phase number / of the outputs</b>		3
<b>Output voltage</b>		
• _1 / rated value	V	400

<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	40
<b>Protection class IP</b>		IP00

<b>Mechanical design:</b>		
<b>Design of the electrical connection</b>		
• secondary side / for main current circuit		flat connector
• at the input / for main current circuit		flat connector
<b>Mounting type</b>		screws
<b>Construction form of the iron core</b>		3UIS 305/160
<b>Width</b>	m	0.63
<b>Height</b>	m	0.602
<b>Depth</b>	m	0.211

<b>Certificates/approvals:</b>		
<b>General Product Approval</b>		



<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/4BU5642-2AA20-2DA0/all">http://support.automation.siemens.com/WW/view/en/4BU5642-2AA20-2DA0/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=4BU5642-2AA20-2DA0">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4BU5642-2AA20-2DA0</a>

**last change:** Dec 5, 2011