



Figure similar

CONTROL CIRCUIT TRANSFORMER; PHASES:1;  
 PN/PN(S6)(KVA):0,5 /2; UPRI(V):575-550-525-500- 480-460 -440-  
 415-400-380-230-220-200- 190; USEC(V):230(2X115);  
 ISEC(A):2,17 ; 4,34; F(HZ):50...60; VECTOR GR./SHIELD  
 WNG.:IIII0 /0; TA/ISOKL:40 /B; IP00; TYPE OF  
 TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREW; EN 61558-2-2 >MAINS  
 TRANSFORMER< >UL/CSA-RECOGNIZED< >CONTROL  
 CIRCUIT TRANSFORMER<

General technical data		
product designation		control circuit transformer
product brand name		SIDAC
operating apparent power rated value	VA	500
efficiency		0.91
connection method for transformers		IIII0
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	VA	2 000
Inputs		
phase number of the inputs		1
input voltage		
• _1 rated value	V	575
• _2 rated value	V	550
• _3 rated value	V	525
• _4 rated value	V	500
• _5 rated value	V	480
• _6 rated value	V	460
• _7 rated value	V	440
• _8 rated value	V	415
• _9 rated value	V	400
• _10 rated value	V	380
• _11 rated value	V	230
• _12 rated value	V	220
• _13 rated value	V	200
• _14 rated value	V	190
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
Outputs		
phase number of the outputs		1
output voltage		
• _1 rated value	V	230
• _2 rated value	V	115
electrical output frequency		

- maximum
- minimum

Hz	60
Hz	50

#### Ambient conditions

thermal class according to IEC 60085		B
ambient temperature rated value	°C	40
protection class IP		IP00

#### Mechanical data

type of electrical connection		
<ul style="list-style-type: none"> <li>• at output for main current circuit</li> <li>• at input for main current circuit</li> </ul>		screw-type terminals / tab terminals screw-type terminals / tab terminals
fastening method		screws
construction form of the iron core		EI 120/72
width	m	0.122
height	m	0.121
depth	m	0.134

#### Certificates/ approvals

General Product Approval	Declaration of Conformity	Marine / Shipping	other
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[Confirmation](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4AM4841-8BD40-0CN2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AM4841-8BD40-0CN2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AM4841-8BD40-0CN2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AM4841-8BD40-0CN2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AM4841-8BD40-0CN2&lang=en)

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