

# SIEMENS

## Product data sheet

## 4AM4042-4TN00-0EA0



TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):0,25 /0,85;  
 UPRI(V):230+/-5%;  
 USEC(V):24;  
 ISEC(A):10,4;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:li0 /0;  
 TA/ISOKL:40 /B;  
 IP00;  
 TYPE OF TERMINALS:SCREW/TAB CONNECTION;  
 INSTALLATION:SCREWS/MOUNTING RAILS;  
 EN 61558-2-2,  
 -2-6 >CONTROL CIRCUIT TRANSFORMER<  
 >SAFETY ISOLATING TRANSFORMER<

### General technical details:

Product designation	transformer SITAS
Product brand name	SIDAC
Operating apparent output / rated value	250 VA
Efficiency	0.89
Manner of switching for transformers	li0
varification of suitability	CE / cRUus
Product function	
<ul style="list-style-type: none"> <li>• Temperature surveillance</li> <li>• Isolation control</li> <li>• Short circuit and overload protection</li> </ul>	No No No
Number of the protective coils	0
Short-term vector power	850 VA
Relative short-circuit voltage	6.36 %
<b>Inputs:</b>	
Phase number / of the inputs	1
Input voltage	

• _1 / rated value	242 V
• _2 / rated value	230 V
• _3 / rated value	218 V
Electrical input frequency	
• minimum	50 Hz
• maximum	60 Hz
<b>Outputs:</b>	
Phase number / of the outputs	1
Output voltage	
• _1 / rated value	24 V
Electrical output frequency	
• maximum	60 Hz
• minimum	50 Hz
<b>Ambient conditions:</b>	
Thermal class / acc. to IEC 60085	B
Ambient temperature / rated value	40 °C
Protection class IP	IP00
<b>Mechanical design:</b>	
Design of the electrical connection	
• secondary side / for main current circuit	screw-type terminals / tab terminals
• at the input / for main current circuit	screw-type terminals / tab terminals
Type of fixing/fixation	screws / standard rail
Construction form of the iron core	EI 96/58
Width	0.098 m
Height	0.106 m
Depth	0.118 m
<b>last change:</b>	12/01/2007

<b>Technical Assistance:</b>	Telephone:	+49 (0) 911-895-5900 (8°° - 17°° CET)
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