

# SIEMENS

## Product data sheet

**4AM3842-8DN00-0EA0**


TRANSFORMER SITAS;  
 PHASES:1;  
 PN/PN(S6)(KVA):0,16 /0,49;  
 UPRI(V):550-525-500-480-460- 440-415-400-380-230-208;  
 USEC(V):24;  
 ISEC(A):6,67;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:II0 /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	160 VA
Efficiency	0.86
Manner of switching for transformers	II0
varification of suitability	CE / cRUus
Product function	
• Temperature surveillance	No
• Isolation control	No
• Short circuit and overload protection	No
Number of the protective coils	0
Short-term vector power	490 VA
Relative short-circuit voltage	9.15 %
Inputs:	
Phase number / of the inputs	1
Input voltage	

• _1 / rated value	550 V
• _2 / rated value	525 V
• _3 / rated value	500 V
• _4 / rated value	480 V
• _5 / rated value	460 V
• _6 / rated value	440 V
• _7 / rated value	415 V
• _8 / rated value	400 V
• _9 / rated value	380 V
• _10 / rated value	230 V
• _11 / rated value	208 V
Electrical input frequency	
• minimum	50 Hz
• maximum	60 Hz
Outputs:	
Phase number / of the outputs	1
Output voltage	
• _1 / rated value	24 V
Electrical output frequency	
• maximum	60 Hz
• minimum	50 Hz
Ambient conditions:	
Thermal class / acc. to IEC 60085	B
Ambient temperature / rated value	40 °C
Protection class IP	IP00
Mechanical design:	
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 96/44
Width	0.098 m
Height	0.106 m
Depth	0.104 m

**last change:**

12/01/2007

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