



Figure similar

power supply; phases: 3; Pn(kW): 1.2; Upri(V): 500-400; Usec(V DC): 24; Isec(A DC): 50/60 (60/40 CEL); F(Hz): 50...60; vector group/shielding winding: II0 /0; protection class: I; temperature rise/insulation class: 60 /B; W(%): 4.2; IP00; connection: screw connection; mounting: screws; EN 61558-2-6, EN 61131-2 >safety transformer<

General technical data		
product designation		4AV3501-2FB00-0A
product brand name		SIDAC
vector group		II0
certificate of suitability		CE / cRUus
product function		
• temperature monitoring		No
• insulation monitoring		No
• short-circuit and overload proof		No
• varistor protective wiring		Yes
operating resource protection class		I
number of shielding windings		0
Inputs		
phase number of the inputs		3
type of current of the inputs		AC
input voltage		
• _1 rated value	V	500
• _2 rated value	V	400
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
input voltage		
• minimum	V	360
• maximum	V	530
input current		
• _1 rated value	A	1.8
• _2 rated value	A	2.2
type of electrical connection at input for main current circuit		screw-type terminals
Outputs		
type of current		
• _1 at output		DC
output voltage		
• _1 rated value	V	24
output voltage of the measurement signal at analog output at DC maximum	V	28.8
output voltage of the measurement signal at analog output at DC minimum	V	20.4
output current		

• I_N rated value	A	50
type of electrical connection at output for main current circuit		screw-type terminals
relative residual ripple		
• of the output voltage U_N for main current circuit maximum	%	5
Ambient conditions		
thermal class according to IEC 60085		B
ambient temperature rated value	°C	60
protection class IP		IP00
Mechanical data		
fastening method		screws
construction form of the iron core		3UI 114/62
width	mm	266
height	mm	260
depth	mm	190
Certificates/ approvals		
General Product Approval		other



[Confirmation](#)

[Confirmation](#)



Environment

[Environmental Confirmations](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=4AV3501-2FB00-0A>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV3501-2FB00-0A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV3501-2FB00-0A>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV3501-2FB00-0A&lang=en

last modified:

4/8/2025