



Figure similar

power supply (unfiltered); phases: 1; Pn(kW): 0.08; Upri(V): 230; Usec(V DC): 24; Isec(A DC): 3.3; F(Hz): 50...60; vector group/shielding winding: II0 /0; protection class: I; temperature rise/insulation class: 50 /B; W(%): 48.3; IP00; connection: screw/flat-type connection; mounting: screws; EN 61558 >safety transformer<(><<)

General technical data		
product designation		4AV9806-5CB00-2N
product brand name		SIDAC
vector group		II0
certificate of suitability		CE
product function		
• temperature monitoring		No
• insulation monitoring		No
• short-circuit and overload proof		No
• varistor protective wiring		No
operating resource protection class		I
number of shielding windings		0
Inputs		
phase number of the inputs		1
type of current of the inputs		AC
input voltage		
• _1 rated value	V	230
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
input voltage		
• minimum	V	207
• maximum	V	243.8
input current		
• _1 rated value	A	0.6
type of electrical connection at input for main current circuit		screw-type terminals / tab terminals
Outputs		
type of current		
• _1 at output		DC
output voltage		
• _1 rated value	V	24
output current		
• _1 rated value	A	3.3
type of electrical connection at output for main current circuit		screw-type terminals / tab terminals
Ambient conditions		
thermal class according to IEC 60085		B

ambient temperature rated value	°C	50
protection class IP		IP00
Mechanical data		
fastening method		screws
construction form of the iron core		EI 84/42
width	mm	127
height	mm	95
depth	mm	93

Certificates/ approvals		
General Product Approval	other	Environment



[Confirmation](#)

[Confirmation](#)



[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=4AV9806-5CB00-2N>
- Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV9806-5CB00-2N>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/4AV9806-5CB00-2N>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV9806-5CB00-2N&lang=en

last modified: 4/8/2025