



Figure similar

power supply; phases: 3; Pn(kW): 0.6; Upri(V): 400+/-20; Usec(V DC): 24; Isec(A DC): 25; F(Hz): 50...60; vector group/shielding winding: YY0 /0; protection class: I; temperature rise/insulation class: 40 /B; W(%): 5; IP00; connection: screw connection; mounting: 4AV51\_0\_; EN 61558, EN 61131-2 >safety transformer<

General technical data		
product designation		<a href="#">4AV5125-2EB00-0A</a>
product brand name		SIDAC
vector group		Yy0
certificate of suitability		CE
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	420
• _2 rated value	V	400
• _3 rated value	V	380
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
input voltage		
• minimum	V	342
• maximum	V	445.19
input current		
• _1 rated value	A	1.18
• _2 rated value	A	1.23
• _3 rated value	A	1.3
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	30
output voltage of the measurement signal at analog output	V	20.4

at DC minimum		
output current		
• $I_{N1}$ rated value	A	25
type of electrical connection at output for main current circuit		screw-type terminals
relative residual ripple		
• of the output voltage $U_1$ for main current circuit maximum	%	5

#### Ambient conditions

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

#### Mechanical data

fastening method		screws
construction form of the iron core		3UI 90/50
width	mm	216
height	mm	240
depth	mm	132

#### Certificates/ approvals

General Product Approval	other	Environment
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EG-Konf.



[Confirmation](#)

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[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=4AV5125-2EB00-0A>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV5125-2EB00-0A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV5125-2EB00-0A>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AV5125-2EB00-0A&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV5125-2EB00-0A&lang=en)

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