



power supply; phases: 1; Pn(kW): 0.084; Upri(V): 230-115; Usec(V DC): 24; Isec(A DC): 3.5/4.2 (60/40 CEL); F(Hz): 50..60; vector group/shielding winding: Ii0 /0; protection class: I; temperature rise/insulation class: 60 /B; W(%): 5; IP00; connection: screw/flat-type connection; mounting: DIN rail; EN 61558-2-6, EN 61131-2 >safety transformer<

General technical data		
product designation		<a href="#">4AV2302-2EB00-0A</a>
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		Yes
• varistor protective wiring		Yes
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
• _2 rated value	V	115
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
input voltage		
• minimum	V	103.5
• maximum	V	243.8
input current		
• _1 rated value	A	0.63
• _2 rated value	A	1.3
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 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		
• _1 rated value	A	3.5
type of electrical connection at output for main current		screw-type terminals / tab terminals

<b>circuit</b>		
<b>relative residual ripple</b>		
<ul style="list-style-type: none"> <li>of the output voltage 1 for main current circuit maximum</li> </ul>	%	5
<b>Ambient conditions</b>		
<b>thermal class according to IEC 60085</b>		B
<b>ambient temperature rated value</b>	°C	60
<b>protection class IP</b>		IP00
<b>Mechanical data</b>		
<b>fastening method</b>		DIN rail
<b>construction form of the iron core</b>		EI 66-88/41
<b>width</b>	mm	72
<b>height</b>	mm	136
<b>depth</b>	mm	111
<b>Certificates/ approvals</b>		
General Product Approval	other	Environment



[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=4AV2302-2EB00-0A>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV2302-2EB00-0A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV2302-2EB00-0A>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AV2302-2EB00-0A&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV2302-2EB00-0A&lang=en)

last modified:

4/8/2025