



Figure similar

POWER SUPPLY; PHASES:3; PN(KW):1,2; UPRI(V):400+/-20;
USEC(V DC):24; ISEC(A DC):50/60 (60/40 CEL); F(HZ):50...60;
VECTOR GR./SHIELD WNG.:YY0 /0; PROTECTION CL.:I;
TA/ISOKL:60 /B; W(%):4,2; IP00; TYPE OF TERMINALS:SCREW
CONNECTION; INSTALLATION:SCREW; EN 61558-2-6,
EN61131-2 >UL/CSA-RECOGNIZED< >SAFETY ISOLATING
TRANSFORMER<

General technical data		
product designation		4AV3500-2FB00-0A
product brand name		SIDAC
vector group		Yy0
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	420
• _2 rated value	V	400
• _3 rated value	V	380
• _4 rated value	V	240
• _5 rated value	V	230
• _6 rated value	V	220
electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
input voltage		
• minimum	V	198
• maximum	V	445.2
input current		
• _1 rated value	A	2.3
• _2 rated value	A	2.4
• _3 rated value	A	2.5
• _4 rated value	A	4
• _5 rated value	A	4.2
• _6 rated value	A	4.4
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		
• _1 rated value	A	50
type of electrical connection at output for main current circuit		screw-type terminals
relative residual ripple		
• of the output voltage 1 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	Declaration of Conformity	Marine / Shipping	other
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[Confirmation](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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=4AV3500-2FB00-0A>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV3500-2FB00-0A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV3500-2FB00-0A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV3500-2FB00-0A&lang=en

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