



Figure similar

CURRENT SUPPLY (UNSCREENED); PHASES:3; PN(KW):3,6; UPRI(V):500-400(415); USEC(V DC):24 DC; ISEC(A DC):150/180 (60/40 CEL); F(HZ):50...60; VECTOR GR./SHIELD WNG.:YY6 /0; PROTECTION CL.:I; TA/ISOKL:60 /B; W(%):4,2; IP00; TYPE OF TERMINALS:SCREW CONNECTION; INSTALLATION:SCREW; EN 61558, EN 61131-2 >SAFETY ISOLATING TRANSFORMER<

General technical data		
product designation		4AV3801-2EB00-0A
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		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
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	150
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 150/75
width	mm	380
height	mm	340
depth	mm	370
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=4AV3801-2EB00-0A>
- Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV3801-2EB00-0A>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/4AV3801-2EB00-0A>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV3801-2EB00-0A&lang=en

last modified:

8/8/2025