



POWER SUPPLY;
 PHASES:3;
 PN(KW):3,6;
 UPRI(V):500-400(415);
 USEC(V DC):24;
 ISEC(A DC):150/180 (60/40 CEL);
 F(HZ):50...60;
 VECTOR GR./SHIELD WNG.:II0 /0;
 PROTECTION CL.:I;
 TA/ISOKL:60 /B;
 W(%):4;
 IP00;
 TYPE OF TERMINALS:SCREW CONNECTION;
 INSTALLATION:SCREW;
 EN 61558-2-6,
 EN61131-2 >SAFETY ISOLATING TRANSFORMER<

General technical details:

Product designation		4AV3801-2EB00-0C
product brand name		SIDAC
Connection symbol		li0
Verification of suitability		CE
Product function		
<ul style="list-style-type: none"> • temperature surveillance 		No
<ul style="list-style-type: none"> • isolation control 		No
<ul style="list-style-type: none"> • short circuit and overload protection 		No
<ul style="list-style-type: none"> • varistor protective wiring 		Yes
Stored energy time / for rated value of the power output / at mains power cut	s	0.2
Operating resource protection class		I
Number of the protective coils		0

Inputs:

Phase number / of the inputs		3
Current type / of inputs		AC
Input voltage		
<ul style="list-style-type: none"> • _1 / rated value 	V	500
<ul style="list-style-type: none"> • _2 / rated value 	V	400

Electrical input frequency		
• minimum	Hz	50
• maximum	Hz	60
Input voltage		
• minimum	V	360
• maximum	V	530
Design of the electrical connection / at the 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 measured value signal / at the analog output / for DC / maximum	V	28.8
Output voltage / of the measured value signal / at the analog output / for DC / minimum	V	20.4
Output current		
• _1 / rated value	A	150
Design of the electrical connection / secondary side / 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 design:

Mounting type		screws
Construction form of the iron core		3UI 150/75
Width	m	380
Height	m	340
Depth	m	370

Certificates/approvals:

General Product Approval	Shipping Approval	other
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[Declaration of Conformity](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/4AV3801-2EB00-0C/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AV3801-2EB00-0C

last change:

Jul 7, 2014