



Figure similar

POWER SUPPLY; PHASES:3; PN(KW):1,2;
 UPRI(V):500-400; USEC(V DC):24; ISEC(A DC):50/60
 (60/40 CEL); F(HZ):50...60; VECTOR GR./SHIELD
 WNG.:II0 /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 >SAFETY ISOLATING
 TRANSFORMER<

General technical data:

| | | |
|--|--|----------------------------------|
| Product designation | | 4AV3501-2FB00-0A |
| product brand name | | SIDAC |
| Vector group | | li0 |
| Certificate of suitability | | CE / cRUus |
| Product function | | |
| <ul style="list-style-type: none"> • Temperature monitoring | | No |
| <ul style="list-style-type: none"> • Insulation monitoring | | No |
| <ul style="list-style-type: none"> • Short-circuit and overload proof | | No |
| <ul style="list-style-type: none"> • 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 | | |
| <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 | | |
| <ul style="list-style-type: none"> • minimum | Hz | 50 |
| <ul style="list-style-type: none"> • maximum | Hz | 60 |
| Input voltage | | |
| <ul style="list-style-type: none"> • minimum | V | 360 |
| <ul style="list-style-type: none"> • maximum | V | 530 |

| | | |
|--|---|----------------------|
| Input current | | |
| • _1 Rated value | A | 1.8 |
| • _2 Rated value | A | 2.2 |
| 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 for DC maximum | V | 28.8 |
| Output voltage of the measurement signal at analog output for 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 acc. to IEC 60085 | | B |
| Ambient temperature Rated value | °C | 60 |
| Protection class IP | | IP00 |

Mechanical data:

| | | |
|---|---|------------|
| Mounting type | | screws |
| Construction form of the iron core | | 3UI 114/62 |
| Width | m | 266 |
| Height | m | 260 |
| Depth | m | 190 |

Certificates/ approvals:

| | | |
|---------------------------------|--------------------------|--------------|
| General Product Approval | Shipping Approval | other |
|---------------------------------|--------------------------|--------------|



[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/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=4AV35012FB000A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV35012FB000A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=4AV35012FB000A&lang=en

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