



Figure similar

power supply; phases: 3; Pn(kW): 0.36; Upri(V): 500-400(415); Usec(V DC): 24; Isec(A DC): 15/18 (60/40 CEL); F(Hz): 50...60; vector group/shielding winding: II0 /0; protection class: I; temperature rise/insulation class: 60 /B; W(%): 4.2; IP00; connection: screw connection; mounting: screws; EN 61558-2-6, EN 61131-2 >safety transformer<

| General technical data                                                  |    |                      |
|-------------------------------------------------------------------------|----|----------------------|
| product designation                                                     |    | 4AV3101-2EB00-0A     |
| 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  | 15                   |
| 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         |
| <b>Ambient conditions</b>                                  |       |           |
| thermal class according to IEC 60085                       |       | B         |
| ambient temperature rated value                            | °C    | 60        |
| protection class IP                                        |       | IP00      |
| <b>Mechanical data</b>                                     |       |           |
| fastening method                                           |       | screws    |
| construction form of the iron core                         |       | 3UI 75/40 |
| width                                                      | mm    | 164       |
| height                                                     | mm    | 190       |
| depth                                                      | mm    | 115       |
| <b>Certificates/ approvals</b>                             |       |           |
| General Product Approval                                   | other |           |



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#### Environment

[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=4AV3101-2EB00-0A>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV3101-2EB00-0A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV3101-2EB00-0A>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AV3101-2EB00-0A&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV3101-2EB00-0A&lang=en)

last modified:

4/8/2025