



power supply; phases: 1; Pn(kW): 0.084; Upri(V): 230-115; Usec(V DC): 24; Isec(A DC): 3.5/4.2 (60/40 CEL); F(Hz): 50..60; vector group/shielding winding: II0 /0; protection class: I; temperature rise/insulation class: 60 /B; W(%): 5; IP00; connection: screw/flat-type connection; mounting: DIN rail; EN 61558-2-6, EN 61131-2 >safety transformer<

| General technical data                                                  |    |                                      |
|-------------------------------------------------------------------------|----|--------------------------------------|
| product designation                                                     |    | 4AV2302-2EB00-0A                     |
| product brand name                                                      |    | SIDAC                                |
| vector group                                                            |    | II0                                  |
| certificate of suitability                                              |    | CE / cRUus                           |
| product function                                                        |    |                                      |
| • temperature monitoring                                                |    | No                                   |
| • insulation monitoring                                                 |    | No                                   |
| • short-circuit and overload proof                                      |    | Yes                                  |
| • varistor protective wiring                                            |    | Yes                                  |
| operating resource protection class                                     |    | I                                    |
| number of shielding windings                                            |    | 0                                    |
| Inputs                                                                  |    |                                      |
| phase number of the inputs                                              |    | 1                                    |
| type of current of the inputs                                           |    | AC                                   |
| input voltage                                                           |    |                                      |
| • _1 rated value                                                        | V  | 230                                  |
| • _2 rated value                                                        | V  | 115                                  |
| electrical input frequency                                              |    |                                      |
| • minimum                                                               | Hz | 50                                   |
| • maximum                                                               | Hz | 60                                   |
| input voltage                                                           |    |                                      |
| • minimum                                                               | V  | 103.5                                |
| • maximum                                                               | V  | 243.8                                |
| input current                                                           |    |                                      |
| • _1 rated value                                                        | A  | 0.63                                 |
| • _2 rated value                                                        | A  | 1.3                                  |
| type of electrical connection at input for main current circuit         |    | screw-type terminals / tab 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  | 3.5                                  |

|                                                                                                            |       |                                      |
|------------------------------------------------------------------------------------------------------------|-------|--------------------------------------|
| type of electrical connection at output for main current circuit                                           |       | screw-type terminals / tab terminals |
| relative residual ripple                                                                                   |       |                                      |
| <ul style="list-style-type: none"> <li>of the output voltage 1 for main current circuit maximum</li> </ul> | %     | 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                                                                                           |       | DIN rail                             |
| construction form of the iron core                                                                         |       | EI 66-88/41                          |
| width                                                                                                      | mm    | 72                                   |
| height                                                                                                     | mm    | 136                                  |
| depth                                                                                                      | mm    | 111                                  |
| <b>Certificates/ approvals</b>                                                                             |       |                                      |
| General Product Approval                                                                                   | other | Environment                          |



[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=4AV2302-2EB00-0A>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4AV2302-2EB00-0A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4AV2302-2EB00-0A>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4AV2302-2EB00-0A&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4AV2302-2EB00-0A&lang=en)

last modified:

4/8/2025