



POWER SUPPLY;  
 PHASES:1;  
 PN(KW):0,072;  
 UPRI(V):400-230+/-15;  
 USEC(V DC):24;  
 ISEC(A DC):3;  
 F(HZ):50...60;  
 VECTOR GR./SHIELD WNG.:II0 /0;  
 PROTECTION CL.:I;  
 TA/ISOKL:40 /B;  
 W(%):5;  
 IP00;  
 TYPE OF TERMINALS:SCREW CONNECTION;  
 INSTALLATION:SCREWS/MOUNTING RAILS;  
 EN 61558,  
 EN61131-2 >SAFETY ISOLATING TRANSFORMER<

### General technical details:

|                                         |  |                                  |
|-----------------------------------------|--|----------------------------------|
| Product designation                     |  | <a href="#">4AV4103-2EB00-0A</a> |
| product brand name                      |  | SIDAC                            |
| Connection symbol                       |  | li0                              |
| Verification of suitability             |  | CE                               |
| Product function                        |  |                                  |
| • temperature surveillance              |  | No                               |
| • isolation control                     |  | No                               |
| • short circuit and overload protection |  | No                               |
| • varistor protective wiring            |  | Yes                              |
| Operating resource protection class     |  | I                                |
| Number of the protective coils          |  | 0                                |

### Inputs:

|                              |   |     |
|------------------------------|---|-----|
| Phase number / of the inputs |   | 1   |
| Current type / of inputs     |   | AC  |
| Input voltage                |   |     |
| • _1 / rated value           | V | 415 |
| • _2 / rated value           | V | 400 |
| • _3 / rated value           | V | 385 |
| • _4 / rated value           | V | 245 |

|                                                                                      |    |                      |
|--------------------------------------------------------------------------------------|----|----------------------|
| • _5 / rated value                                                                   | V  | 230                  |
| • _6 / rated value                                                                   | V  | 215                  |
| <b>Electrical input frequency</b>                                                    |    |                      |
| • minimum                                                                            | Hz | 50                   |
| • maximum                                                                            | Hz | 60                   |
| <b>Input voltage</b>                                                                 |    |                      |
| • minimum                                                                            | V  | 193.5                |
| • maximum                                                                            | V  | 439.9                |
| <b>Input current</b>                                                                 |    |                      |
| • _1 / rated value                                                                   | A  | 0.32                 |
| • _2 / rated value                                                                   | A  | 0.33                 |
| • _3 / rated value                                                                   | A  | 0.34                 |
| • _4 / rated value                                                                   | A  | 0.54                 |
| • _5 / rated value                                                                   | A  | 0.57                 |
| • _6 / rated value                                                                   | A  | 0.61                 |
| <b>Design of the electrical connection / at the input / for main current circuit</b> |    | screw-type terminals |

|                                                                                                |   |                      |
|------------------------------------------------------------------------------------------------|---|----------------------|
| <b>Outputs:</b>                                                                                |   |                      |
| <b>Type of current</b>                                                                         |   |                      |
| • _1 / at output                                                                               |   | DC                   |
| <b>Output voltage</b>                                                                          |   |                      |
| • _1 / rated value                                                                             | V | 24                   |
| <b>Output voltage / of the measured value signal / at the analog output / for DC / maximum</b> | V | 30                   |
| <b>Output voltage / of the measured value signal / at the analog output / for DC / minimum</b> | V | 20.4                 |
| <b>Output current</b>                                                                          |   |                      |
| • _1 / rated value                                                                             | A | 3                    |
| <b>Design of the electrical connection / secondary side / for main current circuit</b>         |   | screw-type terminals |
| <b>Relative residual ripple</b>                                                                |   |                      |
| • of the output voltage 1 / for main current circuit / maximum                                 | % | 5                    |

|                                               |    |      |
|-----------------------------------------------|----|------|
| <b>Ambient conditions:</b>                    |    |      |
| <b>Thermal class / according to IEC 60085</b> |    | B    |
| <b>Ambient temperature / rated value</b>      | °C | 40   |
| <b>Protection class IP</b>                    |    | IP00 |

|                                           |  |                        |
|-------------------------------------------|--|------------------------|
| <b>Mechanical design:</b>                 |  |                        |
| <b>Mounting type</b>                      |  | screws / standard rail |
| <b>Construction form of the iron core</b> |  | EI 84/42               |

|        |   |     |
|--------|---|-----|
| Width  | m | 84  |
| Height | m | 140 |
| Depth  | m | 88  |

#### 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/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/4AV4103-2EB00-0A/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4AV4103-2EB00-0A](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4AV4103-2EB00-0A)

last change:

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