SIEMENS

Data sheet 3RW4026-1BB14



SIRIUS soft starter S0 25 A, 11 kW/400 V, 40 $^{\circ}\text{C}$ 200-480 V AC, 110-230 V AC/DC Screw terminals

| General technical data | | |
|--|----|--------------------------|
| product brand name | | SIRIUS |
| product feature | | |
| integrated bypass contact system | | Yes |
| • thyristors | | Yes |
| product function | | |
| intrinsic device protection | | Yes |
| motor overload protection | | Yes |
| evaluation of thermistor motor protection | | No |
| external reset | | Yes |
| adjustable current limitation | | Yes |
| inside-delta circuit | | No |
| product component motor brake output | | No |
| insulation voltage rated value | V | 600 |
| degree of pollution | | 3, acc. to IEC 60947-4-2 |
| reference code acc. to DIN EN 61346-2 | | Q |
| reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | | G |
| Power Electronics | | |
| product designation | | Soft starter |
| operational current | | |
| • at 40 °C rated value | А | 25 |
| • at 50 °C rated value | А | 23 |
| • at 60 °C rated value | А | 21 |
| yielded mechanical performance for 3-phase motors • at 230 V | | |
| at standard circuit at 40 °C rated value | W | 5 500 |
| • at 400 V | | |
| — at standard circuit at 40 °C rated value | W | 11 000 |
| yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V at standard circuit at 50 °C rated value | hp | 5 |
| operating frequency rated value | Hz | 50 60 |
| relative negative tolerance of the operating frequency | % | -10 |
| relative positive tolerance of the operating frequency | % | 10 |
| operating voltage at standard circuit rated value | V | 200 480 |
| relative negative tolerance of the operating voltage at standard circuit | % | -15 |
| relative positive tolerance of the operating voltage at standard circuit | % | 10 |
| minimum load [%] | % | 20 |

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| type of connectable conductor cross-sections at AWG cables for main contacts for box terminal • using the front clamping point type of connectable conductor cross-sections for auxiliary contacts 1x 8, 2x (16 10) | • finely stranded with core end processing | | |
| type of connectable conductor cross-sections for auxiliary contacts | type of connectable conductor cross-sections at AWG | | |
| type of connectable conductor cross-sections for auxiliary contacts | using the front clamping point | | 1x 8, 2x (16 10) |
| • solid 2x (0.5 2.5 mm²) | auxiliary contacts | | |
| | • solid | | 2x (0.5 2.5 mm²) |

| finely stranded with core end processing | | 2x (0.5 1.5 mm²) |
|---|----|---|
| type of connectable conductor cross-sections at AWG cables | | |
| for auxiliary contacts | | 2x (20 14) |
| for auxiliary contacts finely stranded with core end processing | | 2x (20 16) |
| Ambient conditions | | |
| installation altitude at height above sea level | m | 5 000 |
| environmental category | | |
| during transport acc. to IEC 60721 | | 2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) |
| • during storage acc. to IEC 60721 | | 1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4 |
| • during operation acc. to IEC 60721 | | 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6 |
| ambient temperature | | |
| during operation | °C | -25 +60 |
| during storage | °C | -40 +80 |
| derating temperature | °C | 40 |
| protection class IP on the front acc. to IEC 60529 | | IP20 |
| touch protection on the front acc. to IEC 60529 | | finger-safe, for vertical contact from the front |
| Certificates/ approvals | | |

Certificates/ approvals

General Product Approval

EMC

For use in hazardous locations













Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







other

Railway

Confirmation

Confirmation

| UL/CSA ratings | | | | |
|--|----|-------------|--|--|
| yielded mechanical performance [hp] for 3-phase AC motor | | | | |
| • at 220/230 V | | | | |
| at standard circuit at 50 °C rated value | hp | 5 | | |
| • at 460/480 V | | | | |
| at standard circuit at 50 °C rated value | hp | 15 | | |
| contact rating of auxiliary contacts according to UL | | B300 / R300 | | |
| Further information | | | | |

Further information

Simulation Tool for Soft Starters (STS)

https://support.industry.siemens.com/cs/ww/en/view/101494917

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

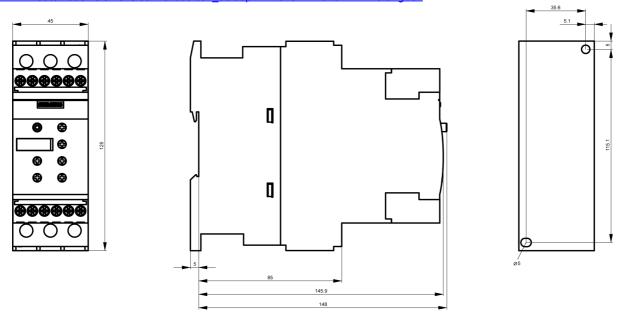
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW4026-1BB14

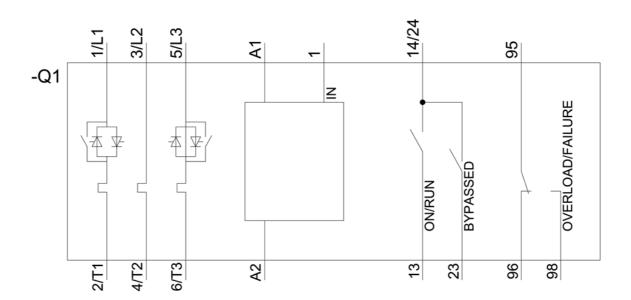
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW4026-1BB14

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RW4026-1BB14

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW4026-1BB14&lang=en





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