



Base unit (BU30-MS6) with F-DI For ET 200SP motor starter Without infeed

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| product brand name | SIMATIC |
| product category | Accessories |
| product designation | BaseUnit |
| design of the product | without infeed, F-DI |
| product type designation | ET 200SP |
| General technical data | |
| insulation voltage rated value | 500 V |
| degree of pollution | 2 |
| surge voltage resistance rated value | 6 kV |
| maximum permissible voltage for protective separation <ul style="list-style-type: none"> • between main and auxiliary circuit | 500 V |
| shock resistance | 6g / 11 ms |
| vibration resistance | 15 mm to 6 Hz; 2g to 500 Hz |
| reference code according to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 04/15/2016 |
| SVHC substance name | Bleimonoxid (Bleioxid) - 1317-36-8 |
| Safety related data | |
| protection class IP on the front according to IEC 60529 | IP20 |
| touch protection on the front according to IEC 60529 | finger-safe |
| Main circuit | |
| number of poles for main current circuit | 3 |
| type of voltage of the operating voltage | AC |
| operating voltage rated value | 500 V |
| operational current at AC at 400 V rated value | 32 A; Derating, see Manual |
| Inputs/ Outputs | |
| number of digital inputs | 1 |
| type of input characteristic | Type 1 in accordance with EN 61131-2 |
| input voltage at digital input <ul style="list-style-type: none"> • at DC rated value • with signal <0> at DC • for signal <1> at DC | 24 V 0 ... 5 V 15 ... 30 |
| Supply voltage | |
| type of voltage of the supply voltage | DC |
| supply voltage 1 at DC rated value <ul style="list-style-type: none"> • minimum permissible • maximum permissible | 24 V 20.4 V 28.8 V |
| ampacity maximum | 7 A |
| Installation/ mounting/ dimensions | |
| mounting position | vertical, horizontal |
| fastening method | DIN rail |

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| height | 215 mm |
| width | 30 mm |
| depth | 75 mm |
| required spacing with side-by-side mounting | |
| • upwards | 50 mm |
| • downwards | 50 mm |

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| Ambient conditions | |
| installation altitude at height above sea level maximum | 4 000 m; For derating see manual |
| ambient temperature | |
| • during operation | -25 ... +60 °C; For derating see manual |
| • during storage | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |
| environmental category during operation according to IEC 60721 | 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) |
| relative humidity during operation | 10 ... 95 % |
| air pressure according to SN 31205 | 900 ... 1 060 hPa |

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| Connections/ Terminals | |
| type of electrical connection | |
| • for main current circuit | spring-loaded terminals (push-in) |
| • for auxiliary and control circuit | spring-loaded terminals (push-in) |
| type of connecting terminal | Push-in terminal |
| type of connectable conductor cross-sections for load-side outgoing feeder | |
| • solid | 1x 0,5 ... 2,5 mm ² |
| • finely stranded without core end processing | 1x 0,5 ... 2,5 mm ² |
| • finely stranded with core end processing | 1x 0,5 ... 2,5 mm ² |
| type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder | 1x 20 ... 12 |
| connectable conductor cross-section at DC input | |
| • single or multi-stranded | 0.5 ... 2.5 mm ² |
| • finely stranded without core end processing | 0.5 ... 2.5 mm ² |
| • finely stranded with core end processing | 0.5 ... 2.5 mm ² |
| AWG number at DC input as coded connectable conductor cross section | 20 ... 12 |
| shape of the screwdriver tip | Slot |
| size of the screwdriver tip | Standard screwdriver 0.6 mm x 3.5 mm |

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| Certificates/ approvals | |
| General Product Approval | EMC |
| | Declaration of Conformity |



[Confirmation](#)



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|---------------------------|-------------------|-------------------|
| Declaration of Conformity | Test Certificates | Marine / Shipping |
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[Type Test Certificates/Test Report](#)



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| other |
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[Confirmation](#)

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| Further information |
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Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3RK1908-0AP00-0FP0>

Cax online generator

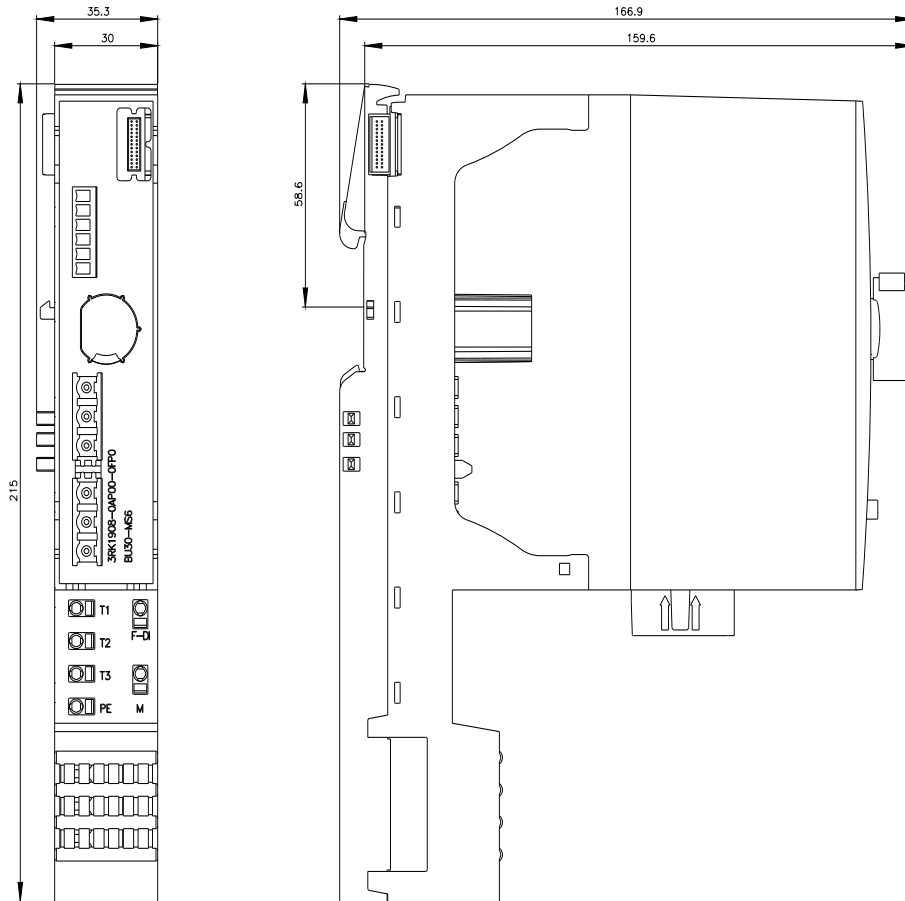
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0FP0>

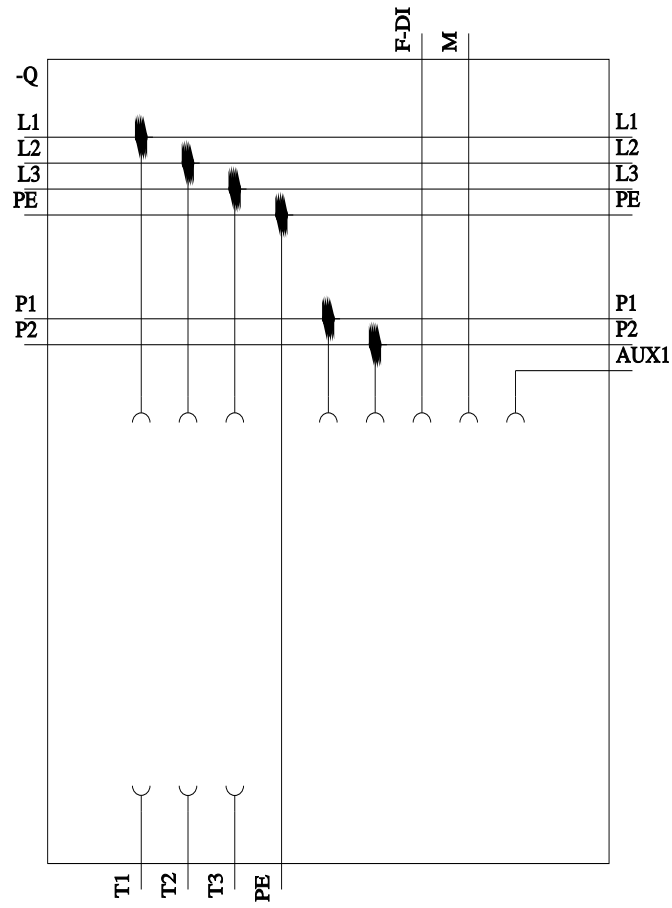
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-0AP00-0FP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1908-0AP00-0FP0&lang=en





last modified:

9/5/2023 