



Base unit (BU30-MS8) with F-DI forwarding For ET 200SP motor starter With infeed 500 V Incl. infeed bus cover

|                                                         |                                        |
|---------------------------------------------------------|----------------------------------------|
| product brand name                                      | SIMATIC                                |
| product category                                        | Accessories                            |
| product designation                                     | BaseUnit                               |
| design of the product                                   | with AC infeed, with F-DI loop-through |
| product type designation                                | ET 200SP                               |
| product description                                     | for e-starters and motor starters      |
| <b>General technical data</b>                           |                                        |
| insulation voltage rated value                          | 500 V                                  |
| degree of pollution                                     | 2                                      |
| surge voltage resistance rated value                    | 6 kV                                   |
| maximum permissible voltage for protective separation   |                                        |
| • 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                                     | Lead monoxide (lead oxide) - 1317-36-8 |
| Weight                                                  | 0.237 kg                               |
| <b>Electrical Safety</b>                                |                                        |
| protection class IP on the front according to IEC 60529 | IP20                                   |
| touch protection on the front according to IEC 60529    | finger-safe                            |
| <b>Main circuit</b>                                     |                                        |
| number of poles for main current circuit                | 3                                      |
| type of voltage of the operating voltage                | AC                                     |
| operating voltage rated value maximum                   | 500 V                                  |
| operating voltage of AC supply                          | 500 V                                  |
| operating voltage of AC supply                          |                                        |
| • for motor starter                                     | 500 V                                  |
| • for ET 200SP e-Starter                                | 480 V                                  |
| operational current at AC at 400 V rated value          | 32 A; Derating, see Manual             |
| <b>Inputs/ Outputs</b>                                  |                                        |
| number of digital inputs                                | 0                                      |
| <b>Supply voltage</b>                                   |                                        |
| type of voltage of the supply voltage                   | DC                                     |
| supply voltage 1 at DC rated value                      | 24 V                                   |
| • minimum permissible                                   | 20.4 V                                 |
| • maximum permissible                                   | 28.8 V                                 |
| ampacity maximum                                        | 7 A                                    |
| <b>Installation/ mounting/ dimensions</b>               |                                        |
| mounting position                                       | vertical, horizontal                   |

|                                             |          |
|---------------------------------------------|----------|
| <b>fastening method</b>                     | DIN rail |
| <b>height</b>                               | 215 mm   |
| <b>width</b>                                | 30 mm    |
| <b>depth</b>                                | 75 mm    |
| required spacing with side-by-side mounting |          |
| • upwards                                   | 50 mm    |
| • downwards                                 | 50 mm    |

### Ambient conditions

|                                                                |                                                                                                          |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| installation altitude at height above sea level maximum        | 4 000 m; For derating see manual                                                                         |
| <b>ambient temperature</b>                                     |                                                                                                          |
| • 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                                                                                        |

### Connections/ Terminals

|                                                                                                  |                                      |
|--------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>type of electrical connection</b>                                                             |                                      |
| • for main current circuit                                                                       | spring-loaded terminals (push-in)    |
| • for auxiliary and control circuit                                                              | spring-loaded terminals (push-in)    |
| <b>type of connecting terminal</b>                                                               | Push-in terminal                     |
| <b>type of connectable conductor cross-sections for supply</b>                                   |                                      |
| • solid                                                                                          | 1x 1 ... 6 mm <sup>2</sup>           |
| • finely stranded without core end processing                                                    | 1x 1 ... 6 mm <sup>2</sup>           |
| • finely stranded with core end processing                                                       | 1x 1 ... 6 mm <sup>2</sup>           |
| <b>type of connectable conductor cross-sections</b>                                              |                                      |
| • for AWG cables for supply                                                                      | 1x 18 ... 10                         |
| <b>type of connectable conductor cross-sections for load-side outgoing feeder</b>                |                                      |
| • solid                                                                                          | 1x 0,5 ... 2,5 mm <sup>2</sup>       |
| • finely stranded without core end processing                                                    | 1x 0,5 ... 2,5 mm <sup>2</sup>       |
| • finely stranded with core end processing                                                       | 1x 0,5 ... 2,5 mm <sup>2</sup>       |
| <b>type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder</b> | 1x 20 ... 12                         |
| <b>shape of the screwdriver tip</b>                                                              | Slot                                 |
| <b>size of the screwdriver tip</b>                                                               | Standard screwdriver 0.6 mm x 3.5 mm |

### Approvals Certificates

|                          |     |                   |
|--------------------------|-----|-------------------|
| General Product Approval | EMV | Test Certificates |
|--------------------------|-----|-------------------|



[Type Test Certificates/Test Report](#)

|                      |       |             |
|----------------------|-------|-------------|
| Maritime application | other | Environment |
|----------------------|-------|-------------|



[Confirmation](#)



### 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=3RK1908-0AP00-0HP0>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0HP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-0AP00-0HP0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1908-0AP00-0HP0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1908-0AP00-0HP0&lang=en)



