

BU with F-DI for ET 200SP motor starter with 500 V infeed



Figure similar

| | |
|--------------------------|---------------------|
| Product category | Accessories |
| Product designation | BaseUnit |
| Design of the product | For AC infeed, F-DI |
| Product type designation | BU30-MS5 |

| General technical data | |
|---|-----------------------------|
| Insulation voltage | |
| • rated value | 500 V |
| Degree of pollution | 2 |
| Surge voltage resistance rated value | 6 kV |
| maximum permissible voltage for safe isolation | |
| • between main and auxiliary circuit | 500 V |
| Protection class IP | IP20 |
| Shock resistance | 6g / 11 ms |
| Vibration resistance | 15 mm to 6 Hz; 2g to 500 Hz |
| Protection against electrical shock | finger-safe |

| Inputs/ Outputs | |
|---------------------------------|---|
| Number of digital inputs | 1 |

| | |
|---|-----------|
| Input voltage at digital input | |
| <ul style="list-style-type: none"> • at DC rated value | 24 V |
| <ul style="list-style-type: none"> • with signal <0> at DC | 0 ... 5 V |
| <ul style="list-style-type: none"> • for signal <1> at DC | 15 ... 30 |

Main circuit

| | |
|--|----------------------------|
| Number of poles for main current circuit | 3 |
| Type of voltage of the operating voltage | AC |
| Operating voltage | |
| <ul style="list-style-type: none"> • rated value | 500 V |
| Operating current | |
| <ul style="list-style-type: none"> • at AC at 400 V rated value | 32 A; Derating, see Manual |

Supply voltage

| | |
|---|--------|
| Type of voltage of the supply voltage | DC |
| Supply voltage 1 at DC rated value | 24 V |
| <ul style="list-style-type: none"> • minimum permissible | 20.4 V |
| <ul style="list-style-type: none"> • maximum permissible | 28.8 V |
| Ampacity maximum | 7 A |

Installation/ mounting/ dimensions

| | |
|--|----------------------------|
| Mounting position | vertical, horizontal, flat |
| Mounting type | standard rail |
| Height | 215 mm |
| Width | 30 mm |
| Depth | 75 mm |
| Required spacing | |
| <ul style="list-style-type: none"> • with side-by-side mounting <ul style="list-style-type: none"> — upwards — downwards | 50 mm 50 mm |





Ambient conditions

| | |
|--|--|
| Installation altitude at height above sea level | |
| <ul style="list-style-type: none"> • maximum | 2 000 m; For derating see manual |
| Ambient temperature | |
| <ul style="list-style-type: none"> • during operation | -25 ... +60 °C |
| <ul style="list-style-type: none"> • during operation maximum | For derating see manual |
| <ul style="list-style-type: none"> • during storage | -40 ... +70 °C |
| <ul style="list-style-type: none"> • during transport | -40 ... +70 °C |
| Environmental category 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) |
| Relative humidity during operation | 10 ... 95 % |
| Air pressure | |
| <ul style="list-style-type: none"> • acc. to SN 31205 | 900 ... 1 060 hPa |

Connections/Terminals

| | |
|--|--|
| Type of electrical connection <ul style="list-style-type: none"> • for main current circuit • for auxiliary and control current circuit | PUSH-IN connection (spring-loaded connection) PUSH-IN connection (spring-loaded connection) |
| Type of connectable conductor cross-sections for supply <ul style="list-style-type: none"> • solid • finely stranded without core end processing • finely stranded with core end processing | 1x 1 ... 6 mm ² 1x 1 ... 6 mm ² 1x 1 ... 6 mm ² |
| Type of connectable conductor cross-sections <ul style="list-style-type: none"> • at AWG conductors for supply | 1x 18 ... 10 |
| Type of connectable conductor cross-sections for load-side outgoing feeder <ul style="list-style-type: none"> • solid • finely stranded without core end processing • finely stranded with core end processing | 1x 0,5 ... 2,5 mm ² 1x 0,5 ... 2,5 mm ² 1x 0,5 ... 2,5 mm ² |
| Type of connectable conductor cross-sections at AWG conductors for load-side outgoing feeder | 1x 20 ... 12 |
| Connectable conductor cross-section at DC input <ul style="list-style-type: none"> • single or multi-stranded • finely stranded without core end processing • finely stranded with core end processing | 0.5 ... 2.5 mm ² 0.5 ... 2.5 mm ² 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 |

Certificates/approvals

| General Product Approval | Declaration of Conformity | Test Certificates | Shipping Approval | other |
|---|---|--|--|--|
|  |  EG-Konf. | Type Test Certificates/Test Report |  ABS |  LRS |
| | | | | Environmental Confirmations |

other

[Confirmation](#)

Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1908-0AP00-0EP0>

Cax online generator

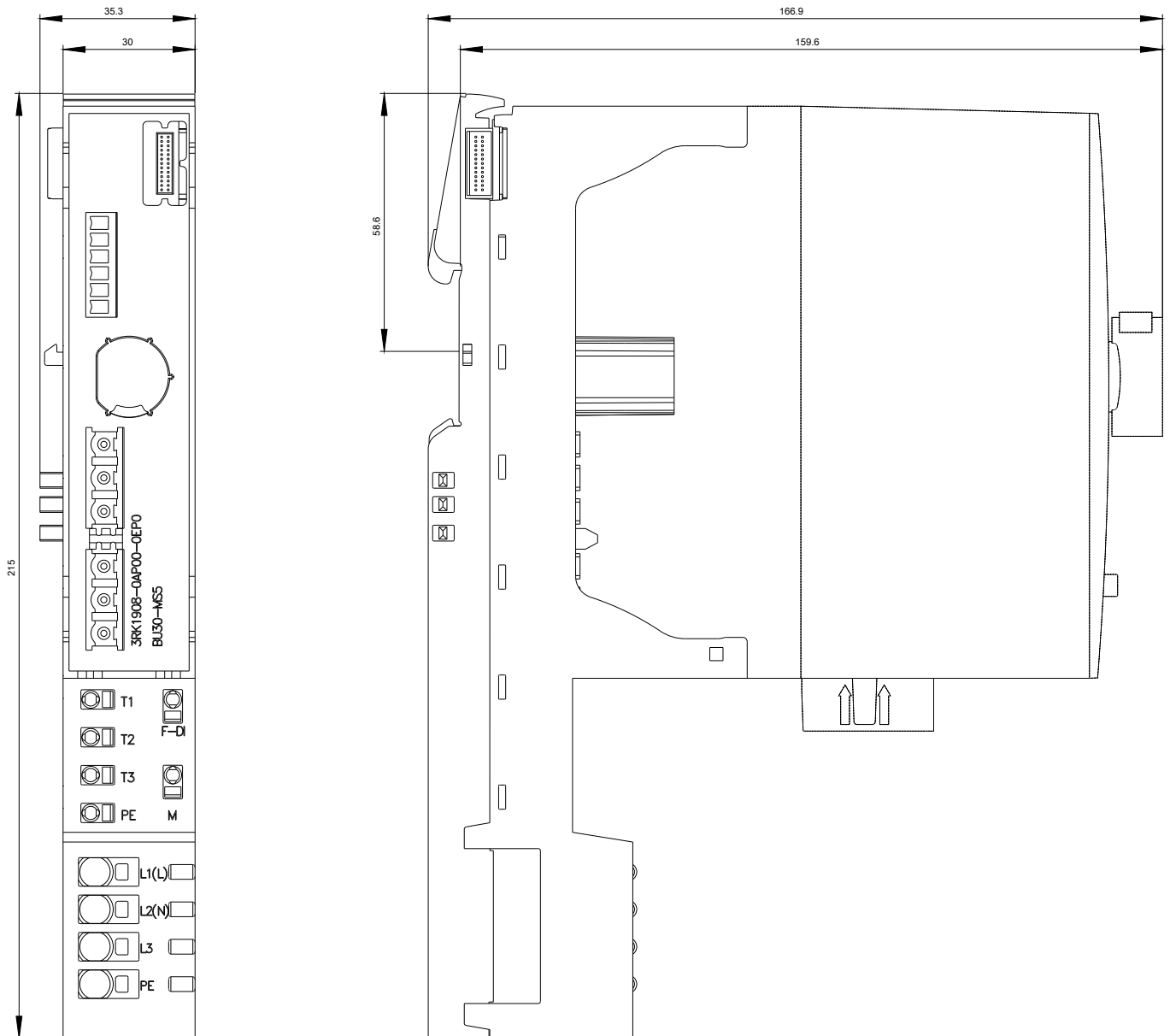
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0EP0>

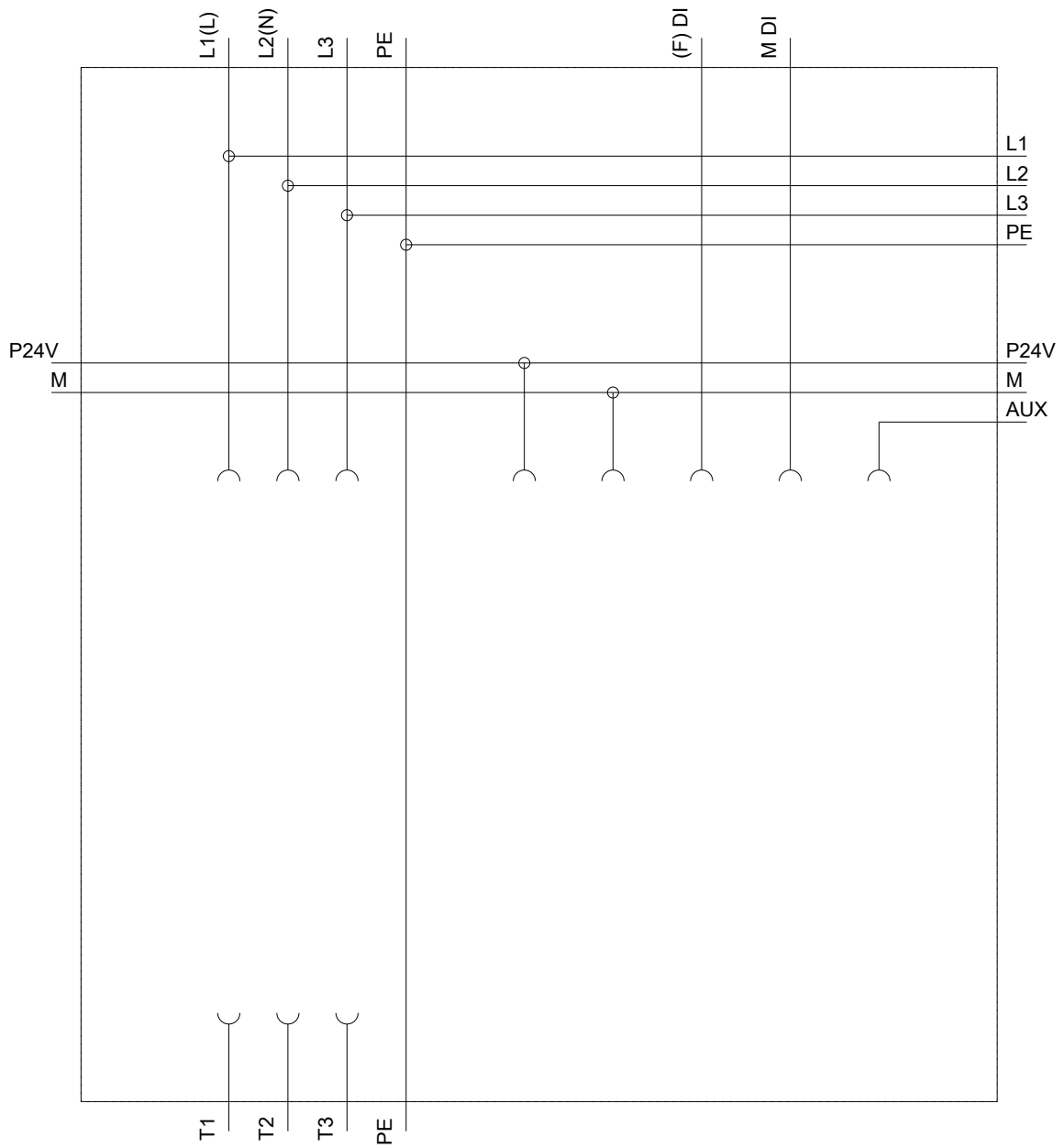
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-0AP00-0EP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1908-0AP00-0EP0&lang=en





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