

BU for ET 200SP motor starter with infeed 24V and 500V








Figure similar


|  |                             |
|--|-----------------------------|
| Product category                               | Accessories                 |
| Product designation                            | BaseUnit                    |
| Design of the product                          | For AC/DC feed in           |
| Product type designation                       | BU30-MS1                    |
| 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                       | 0                           |

|  |  |
|--|--|
| <b>Main circuit</b>  |  |
| Number of poles for main current circuit   | 3  |
| Type of voltage of the operating voltage   | AC   |
| Operating voltage <ul style="list-style-type: none"> <li>• rated value</li> </ul>  | 500 V  |
| Operating current <ul style="list-style-type: none"> <li>• at AC at 400 V rated value</li> </ul>   | 32 A; Derating, see Manual   |
| <b>Supply voltage</b>  |  |
| Type of voltage of the supply voltage  | DC   |
| Supply voltage 1 at DC rated value <ul style="list-style-type: none"> <li>• minimum permissible</li> <li>• maximum permissible</li> </ul>  | 24 V<br>20.4 V<br>28.8 V   |
| Ampacity maximum   | 7 A  |
| <b>Installation/ mounting/ dimensions</b>  |  |
| 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"> <li>• with side-by-side mounting <ul style="list-style-type: none"> <li>— upwards</li> <li>— downwards</li> </ul> </li> </ul>  | 50 mm<br>50 mm   |
| <b>Ambient conditions</b>  |  |
| Installation altitude at height above sea level <ul style="list-style-type: none"> <li>• maximum</li> </ul>  | 4 000 m; For derating see manual   |
| Ambient temperature <ul style="list-style-type: none"> <li>• during operation</li> <li>• during operation maximum</li> <li>• during storage</li> <li>• during transport</li> </ul> | -25 ... +60 °C<br>For derating see manual<br>-40 ... +70 °C<br>-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"> <li>• acc. to SN 31205</li> </ul>  | 900 ... 1 060 hPa  |
| <b>Connections/Terminals</b>   |  |
| Type of electrical connection <ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for auxiliary and control current circuit</li> </ul>                    | PUSH-IN connection (spring-loaded connection)<br>PUSH-IN connection (spring-loaded connection)           |

|   |                                      |
|---|--------------------------------------|
| <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 at the inputs for supply voltage</b>                |                                      |
| • solid   | 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</b>   |                                      |
| • at AWG conductors for supply  | 1x 18 ... 10                         |
| • at the inputs for supply voltage at AWG conductors solid  | 1x 20 ... 12                         |
| <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 at AWG conductors 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 |

#### Certificates/approvals

| General Product Approval   |   |  | Declaration of Conformity   | Test Certificates  | Shipping Approval  |
|--|---|--|---|--|--|
| <br>CSA | <br>UL | <br>EAC | <br>EG-Konf. | <a href="#">Type Test<br/>Certificates/Test<br/>Report</a> | <br>ABS |

| Shipping Approval  | other  |
|--|--|
| <br>LRS | <a href="#">Confirmation</a> <a href="#">Environmental Confirmations</a> |

#### Further information

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

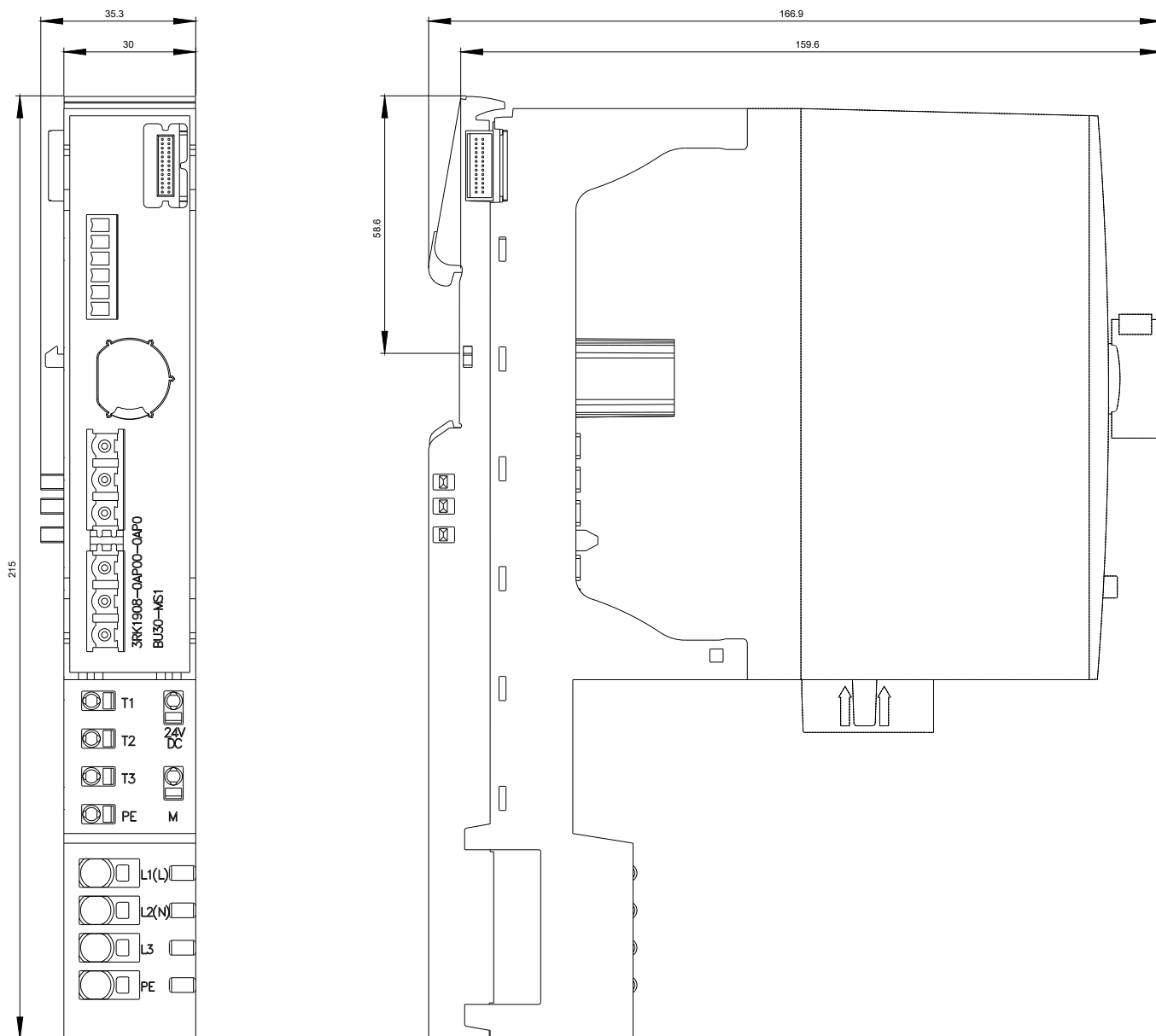
<http://www.siemens.com/industrial-controls/catalogs>

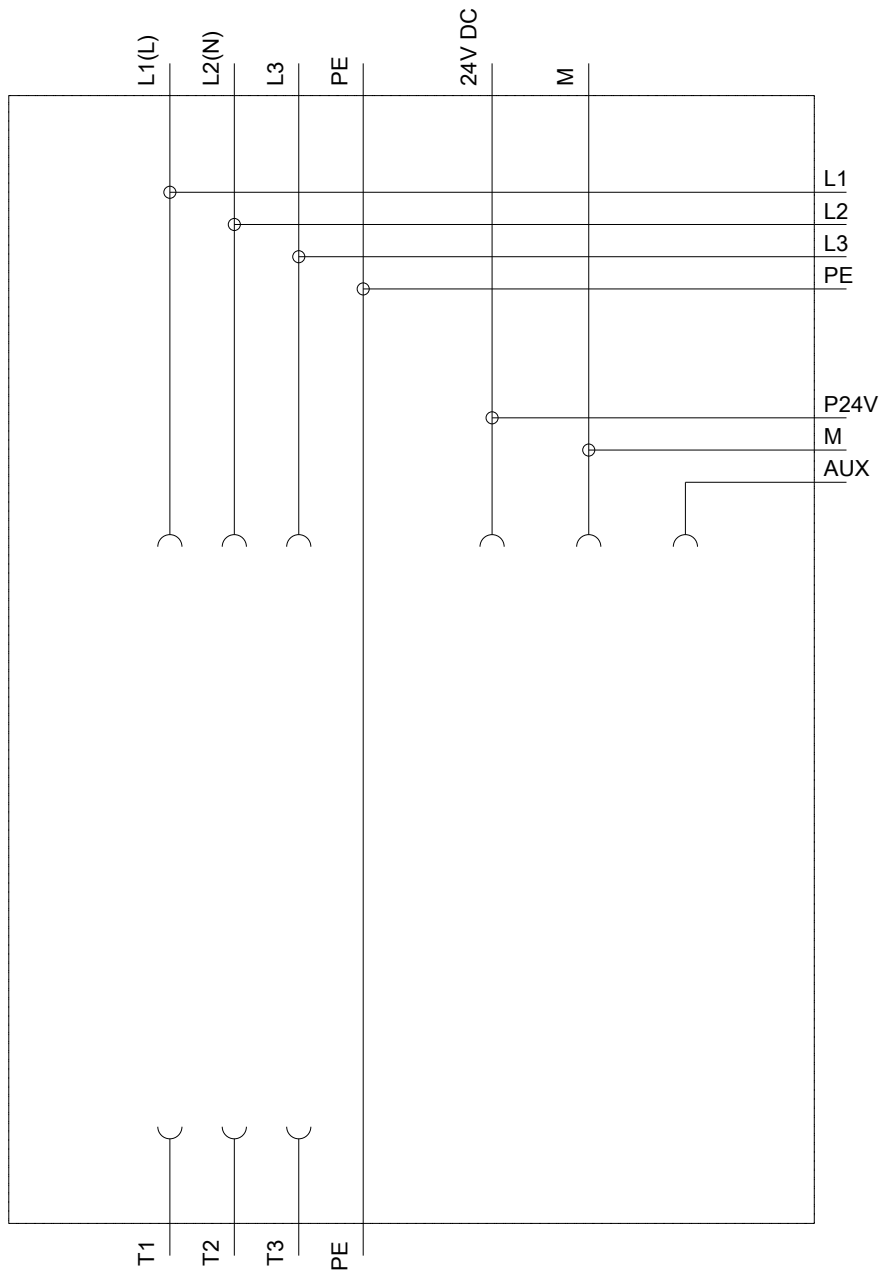
##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1908-0AP00-0AP0>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0AP0>





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