

Base unit for ET 200SP motor starter with infeed 500 V including cover infeed bus



Product brand name	SIMATIC
Product category	Accessories
Product designation	BaseUnit
Design of the product	For AC feed in
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 safe isolation	
• between main and auxiliary circuit	500 V
Protection class IP	IP20
Shock resistance	6g / 11 ms
Protection against electrical shock	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
<b>Operating current</b>	
• at AC at 400 V rated value	32 A; Derating, see Manual
<b>Inputs/ Outputs</b>	
<b>Number of digital inputs</b>	0
<b>Supply voltage</b>	
<b>Type of voltage of the supply voltage</b>	DC
<b>Supply voltage 1 at DC rated value</b>	24 V
• minimum permissible	20.4 V
• maximum permissible	28.8 V
<b>Installation/ mounting/ dimensions</b>	
<b>Mounting position</b>	vertical, horizontal, flat
• (mounting type)	standard rail
<b>Height</b>	215 mm
<b>Width</b>	30 mm
<b>Depth</b>	75 mm
<b>Required spacing</b>	
• with side-by-side mounting	
— upwards	50 mm
— downwards	50 mm
<b>Ambient conditions</b>	
<b>Installation altitude at height above sea level</b>	
• maximum	4 000 m; For derating see manual
<b>Ambient temperature</b>	
• during operation	-25 ... +60 °C
• during operation maximum	For derating see manual
• during storage	-40 ... +70 °C
• 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 %
<b>Air pressure</b>	
• acc. to SN 31205	900 ... 1 060 hPa
<b>Connections/Terminals</b>	
<b>Type of electrical connection</b>	
• for main current circuit	PUSH-IN connection (spring-loaded connection)
• for auxiliary and control current circuit	PUSH-IN connection (spring-loaded connection)
<b>Type of connectable conductor cross-sections for supply</b>	
• solid	1x 1 ... 6 mm <sup>2</sup>

<ul style="list-style-type: none"> <li>finely stranded without core end processing</li> <li>finely stranded with core end processing</li> </ul>	1x 1 ... 6 mm <sup>2</sup> 1x 1 ... 6 mm <sup>2</sup>
<b>Type of connectable conductor cross-sections</b> <ul style="list-style-type: none"> <li>at AWG conductors for supply</li> </ul>	1x 18 ... 10
<b>Type of connectable conductor cross-sections for load-side outgoing feeder</b> <ul style="list-style-type: none"> <li>solid</li> <li>finely stranded without core end processing</li> <li>finely stranded with core end processing</li> </ul>	1x 0,5 ... 2,5 mm <sup>2</sup> 1x 0,5 ... 2,5 mm <sup>2</sup> 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	EMC	Declaration of Conformity	Test Certificates	Marine / Shipping
--------------------------	-----	---------------------------	-------------------	-------------------



[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
-------------------	-------



LRS



[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=3RK1908-0AP00-0CP0>

**Cax online generator**

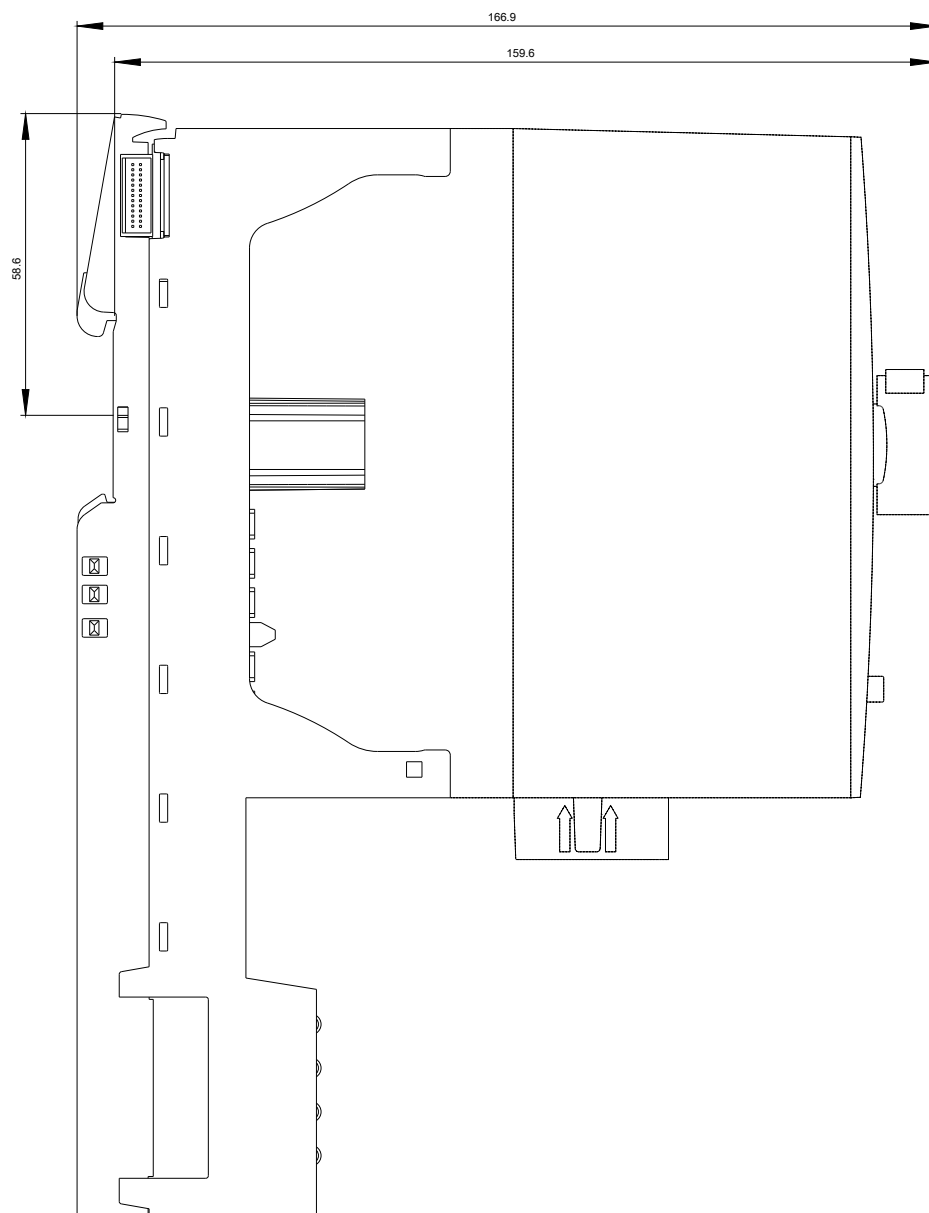
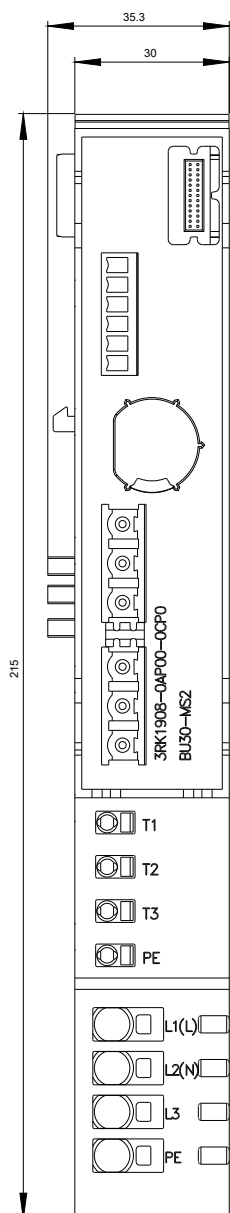
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0CP0>

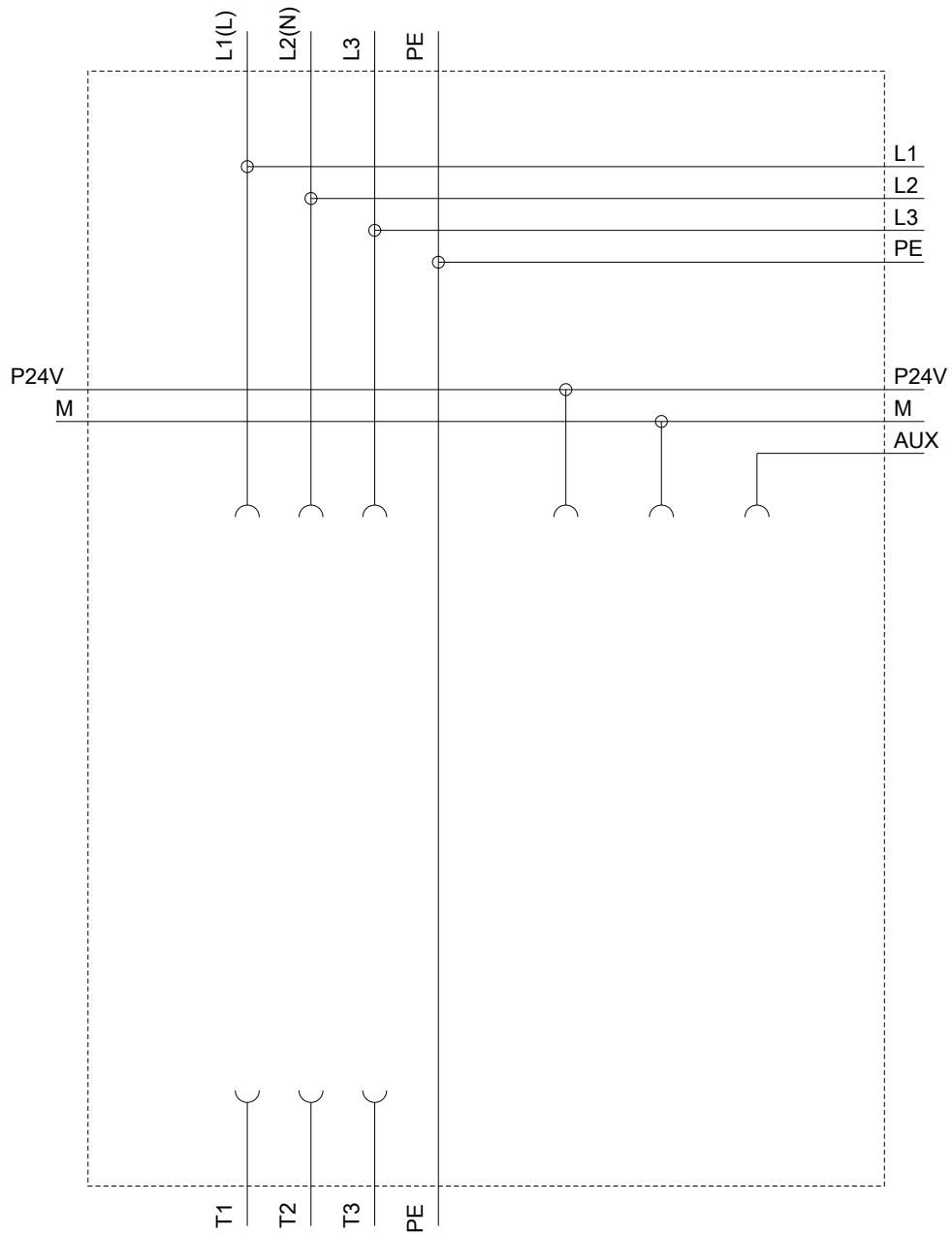
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-0AP00-0CP0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1908-0AP00-0CP0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1908-0AP00-0CP0&lang=en)





last modified:

04/18/2019