



Base unit (BU30-MS1) For ET 200SP motor starter With infeed 24 V and 500 V  
Incl. infeed bus cover

product brand name	SIMATIC
product category	Accessories
product designation	BaseUnit
design of the product	For AC/DC feed in
product type designation	ET 200SP
<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
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	04/15/2016
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8
<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
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
supply voltage of DC supply	24 V
ampacity maximum	7 A
<b>Installation/ mounting/ dimensions</b>	
mounting position	vertical, horizontal
fastening method	DIN rail
height	215 mm
width	30 mm
depth	75 mm
required spacing with side-by-side mounting	

• upwards	50 mm
• downwards	50 mm
<b>Ambient conditions</b>	
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

<b>Connections/ Terminals</b>	
<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 at the inputs for supply voltage</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</b>	
• for AWG cables for supply	1x 18 ... 10
• at the inputs for supply voltage for AWG cables 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 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

<b>Approvals Certificates</b>	
General Product Approval	EMV



[Confirmation](#)



Test Certificates	Marine / Shipping	other
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[Type Test Certificates/Test Report](#)



[Confirmation](#)

## Environment

[Environmental Confirmations](#)

<b>Further information</b>
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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=3RK1908-0AP00-0AP0>

Cax online generator

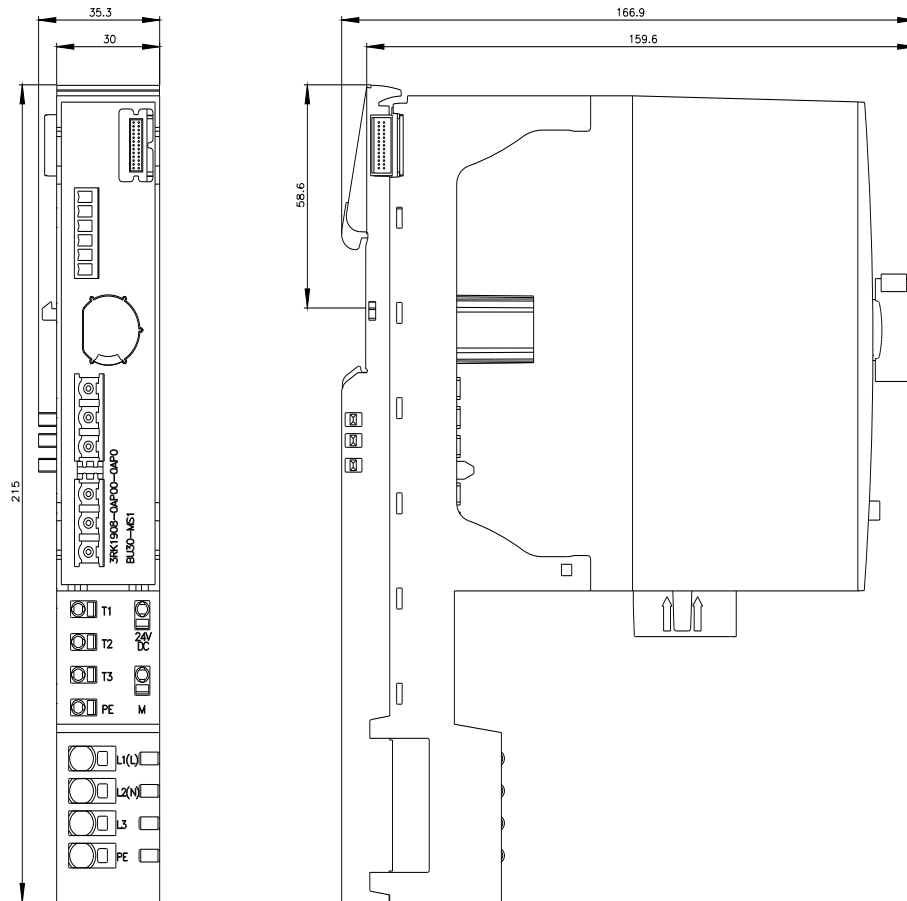
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0AP0>

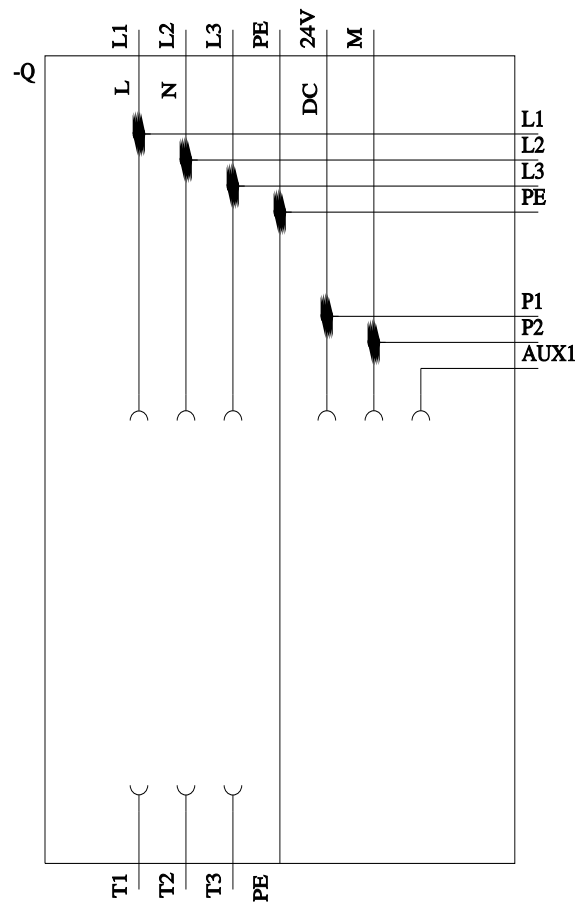
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-0AP00-0AP0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1908-0AP00-0AP0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1908-0AP00-0AP0&lang=en)





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