



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
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
shock resistance	6g / 11 ms
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
reference code acc. to IEC 81346-2	Q
Substance Prohibance (Date)	15.04.2016 00:00:00
Safety related data	
protection class IP on the front acc. to IEC 60529	IP20
touch protection on the front acc. to IEC 60529	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
operating voltage of AC supply	500 V
operational current at AC at 400 V rated value	32 A; Derating, see Manual
Inputs/ Outputs	
number of digital inputs	0
Supply voltage	
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
Installation/ mounting/ dimensions	
mounting position	vertical, horizontal
fastening method	standard rail
height	215 mm

width	30 mm	
depth	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	
ambient temperature		
• during operation	-25 ... +60 °C; 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 %	
air pressure acc. to SN 31205	900 ... 1 060 hPa	
Connections/ Terminals		
type of electrical connection		
• for main current circuit	spring-loaded terminals (push-in)	
• for auxiliary and control circuit	spring-loaded terminals (push-in)	
type of connecting terminal	Push-in terminal	
type of connectable conductor cross-sections for supply		
• solid	1x 1 ... 6 mm²	
• finely stranded without core end processing	1x 1 ... 6 mm²	
• finely stranded with core end processing	1x 1 ... 6 mm²	
type of connectable conductor cross-sections at the inputs for supply voltage		
• solid	1x 0.5 ... 2.5 mm²	
• finely stranded without core end processing	1x 0,5 ... 2,5 mm²	
• finely stranded with core end processing	1x 0.5 ... 2.5 mm²	
type of connectable conductor cross-sections		
• at AWG cables for supply	1x 18 ... 10	
• at the inputs for supply voltage at AWG cables solid	1x 20 ... 12	
type of connectable conductor cross-sections for load-side outgoing feeder		
• solid	1x 0,5 ... 2,5 mm²	
• finely stranded without core end processing	1x 0,5 ... 2,5 mm²	
• finely stranded with core end processing	1x 0,5 ... 2,5 mm²	
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder	1x 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	EMC	Declaration of Conformity



[Miscellaneous](#)

Test Certificates

Marine / Shipping

other

[Type Test Certificates/Test Report](#)



[Confirmation](#)

Further information

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

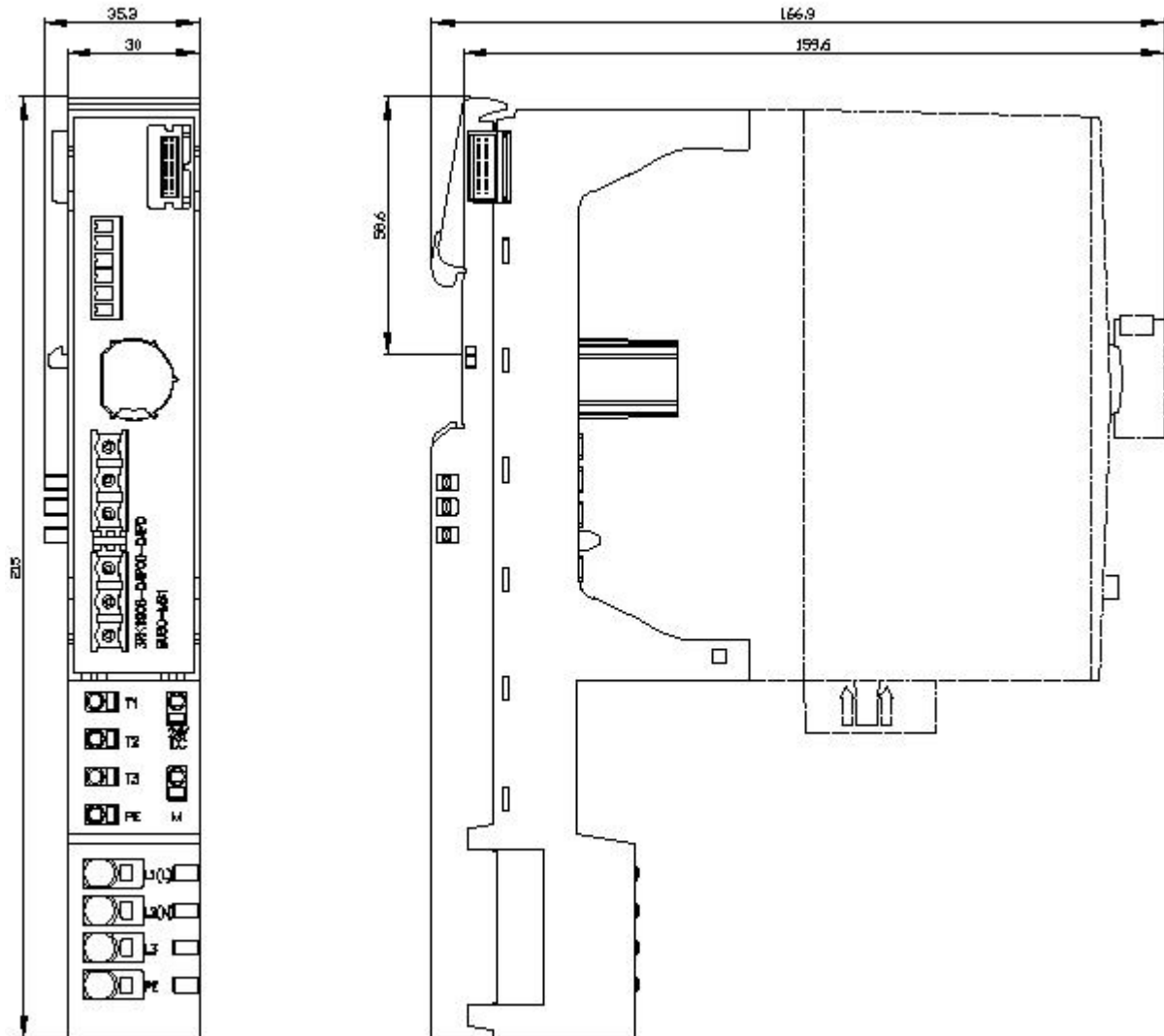
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0AP0>

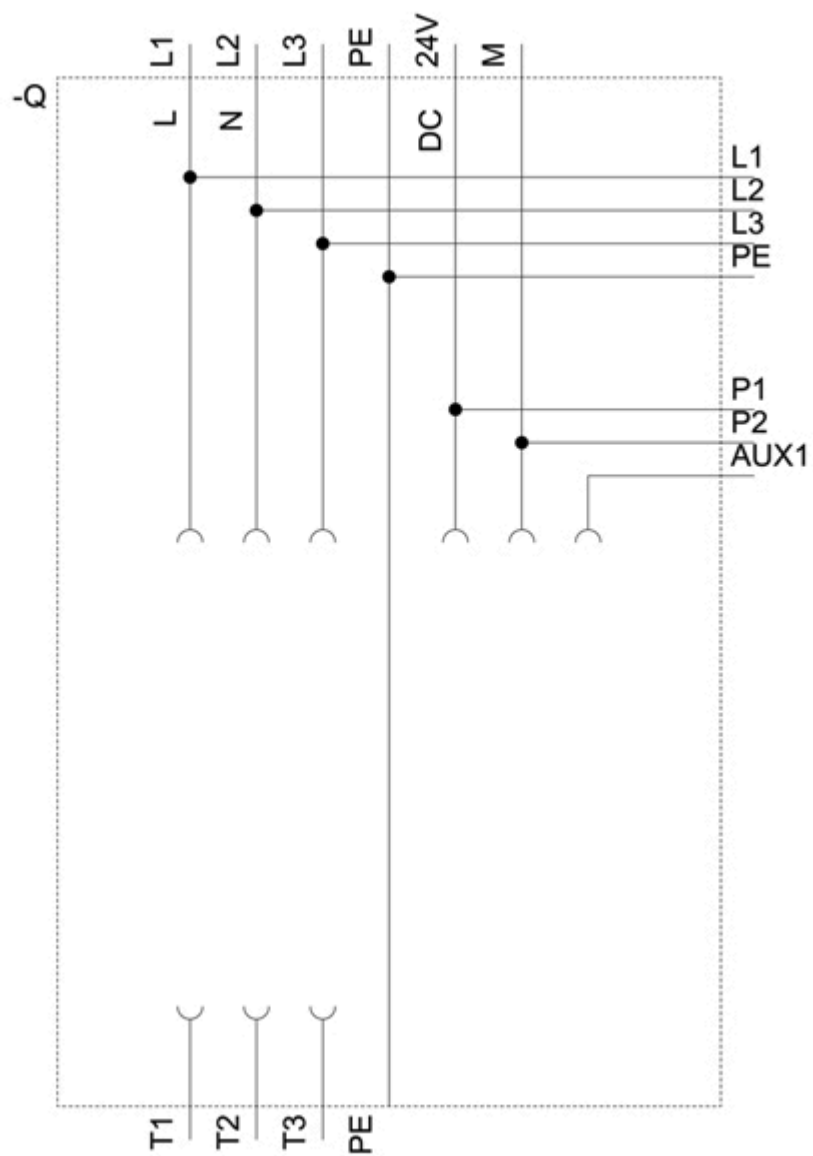
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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





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