

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

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 current	
• 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
• minimum permissible	20.4 V
• 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	
• 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
• 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 %
Air pressure	
• acc. to SN 31205	900 ... 1 060 hPa
Connections/Terminals	
Type of electrical connection	
• for main current circuit	PUSH-IN connection (spring-loaded connection)
• for auxiliary and control current circuit	PUSH-IN connection (spring-loaded connection)

Type of connectable conductor cross-sections for supply	
• solid	1x 1 ... 6 mm ²
• finely stranded without core end processing	1x 1 ... 6 mm ²
• finely stranded with core end processing	1x 1 ... 6 mm ²
Type of connectable conductor cross-sections at the inputs for supply voltage	
• solid	1x 0.5 ... 2.5 mm ²
• finely stranded with core end processing	1x 0.5 ... 2.5 mm ²
Type of connectable conductor cross-sections	
• at AWG conductors for supply	1x 18 ... 10
• at the inputs for supply voltage at AWG conductors solid	1x 20 ... 12
Type of connectable conductor cross-sections for load-side outgoing feeder	
• solid	1x 0,5 ... 2,5 mm ²
• finely stranded without core end processing	1x 0,5 ... 2,5 mm ²
• finely stranded with core end processing	1x 0,5 ... 2,5 mm ²
Type of connectable conductor cross-sections at AWG conductors 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			Declaration of Conformity	Test Certificates	Shipping Approval
 CSA	 UL	 EAC	 EG-Konf.	Type Test Certificates/Test Report	 ABS

Shipping Approval	other
 LRS	Confirmation Environmental Confirmations

Further information

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

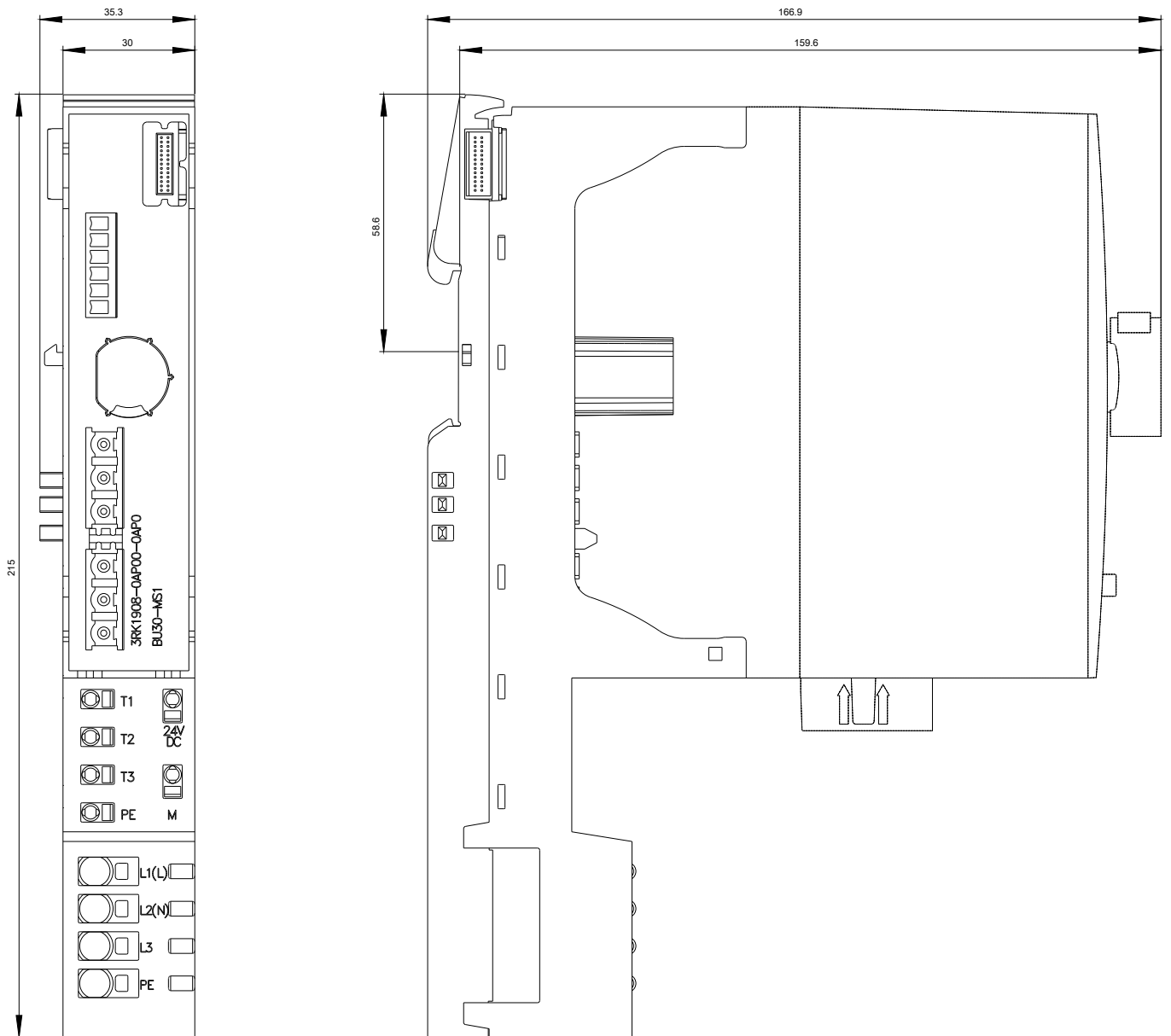
<http://www.siemens.com/industrial-controls/catalogs>

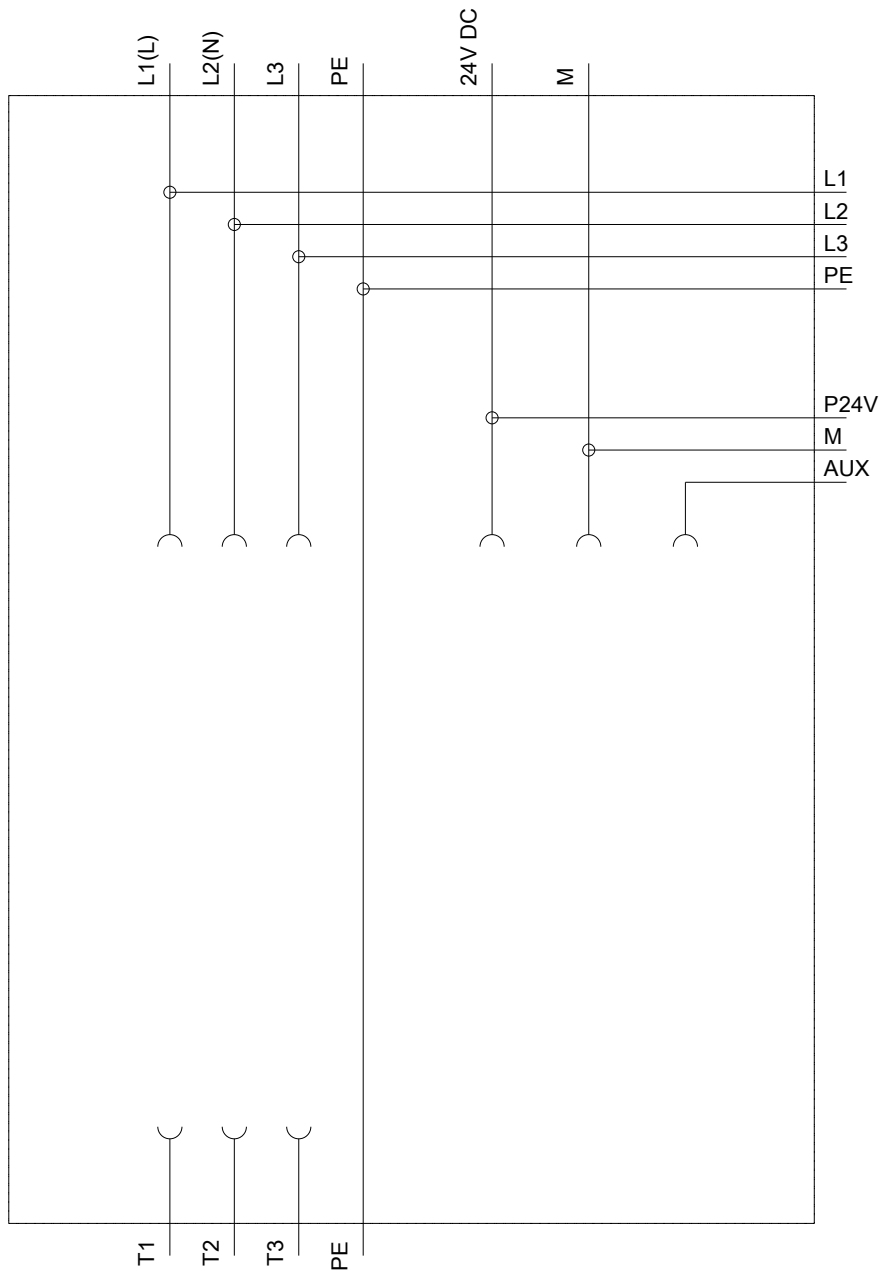
Industry Mall (Online ordering system)

<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>





last modified:

09/20/2017