SIEMENS

Data sheet 3RK1908-0AP00-0EP0



Base unit (BU30-MS5) with F-DI For ET 200SP motor starter With infeed 500 V
Incl. infeed bus cover

product brand name	SIMATIC
product category	Accessories
product designation	BaseUnit
design of the product	with AC infeed, with F-DI
product type designation	ET 200SP
product description	for fail-safe e-Starters and motor starters
General technical data	
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	6 g / 11 ms
vibration resistance	15 mm to 6 Hz; 2 g to 500 Hz
reference code according to IEC 81346-2	Q
Substance Prohibitance (day/month/year)	04/15/2016
SVHC substance name	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1
Net Weight	0.188 kg
Electrical Safety	
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according 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 maximum	500 V
operating voltage of AC supply	500 V
operating voltage of AC supply	
● for motor starter	500 V
● for ET 200SP e-Starter	480 V
operational current at AC at 400 V rated value	32 A; Derating, see Manual
Inputs/ Outputs	
number of digital inputs	1
type of input characteristic	Type 1 in accordance with EN 61131-2
input voltage at digital input at DC rated value	24 V
Supply voltage	
type of voltage of the supply voltage	DC
supply voltage 1 at DC rated value	24 V

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● minimum permissible	20.4 V
● maximum permissible	28.8 V
ampacity maximum	7 A
Installation/ mounting/ dimensions	
mounting position	vertical, horizontal
fastening method	DIN-rail mounting
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
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 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
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	
● for AWG cables for supply	1x 18 ... 10
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 for AWG cables for load-side outgoing feeder	1x 20 ... 12
connectable conductor cross-section at DC input	
● single or multi-stranded	0.5 ... 2.5 mm²
● finely stranded without core end processing	0.5 ... 2.5 mm²
● finely stranded with core end processing	0.5 ... 2.5 mm²
AWG number at DC input as coded connectable conductor cross section	20 ... 12
shape of the screwdriver tip	Slot
size of the screwdriver tip	Standard screwdriver 0.6 mm x 3.5 mm

Approvals Certificates

General Product Approval	EMV	Test Certificates	Maritime application
EAC, CE EG-Konf., UKCA, RCM		Type Test Certificates/Test Report	BUREAU VERITAS

Maritime application	other	Environment

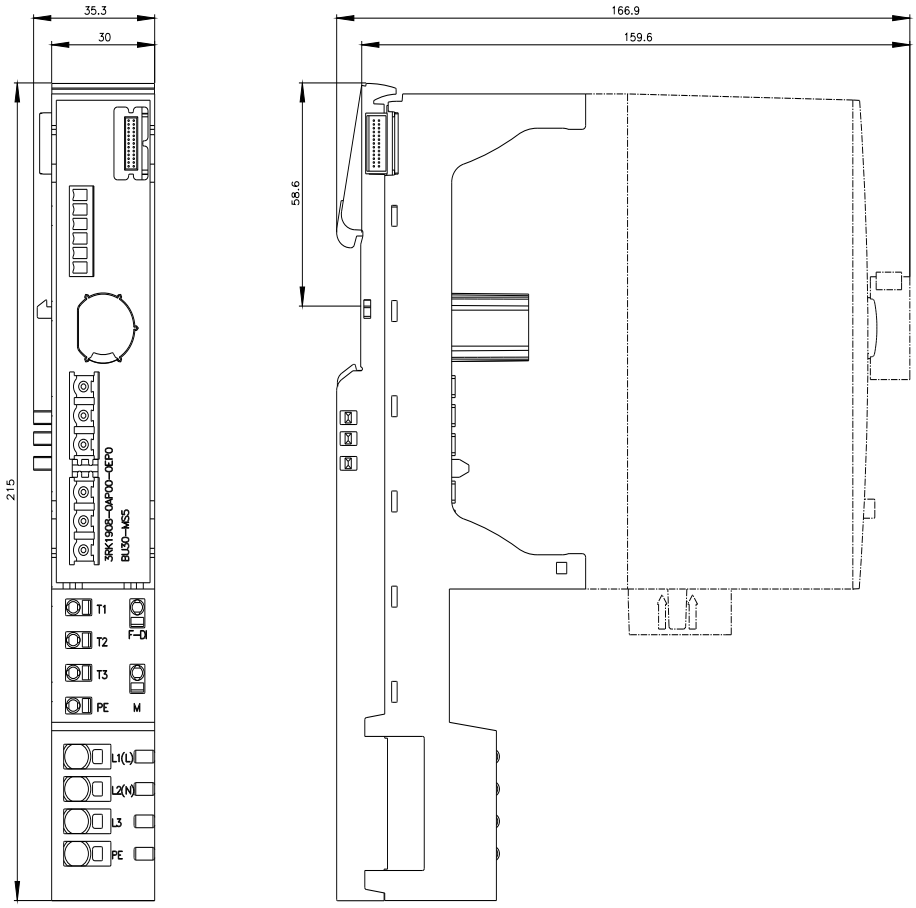
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Confirmation

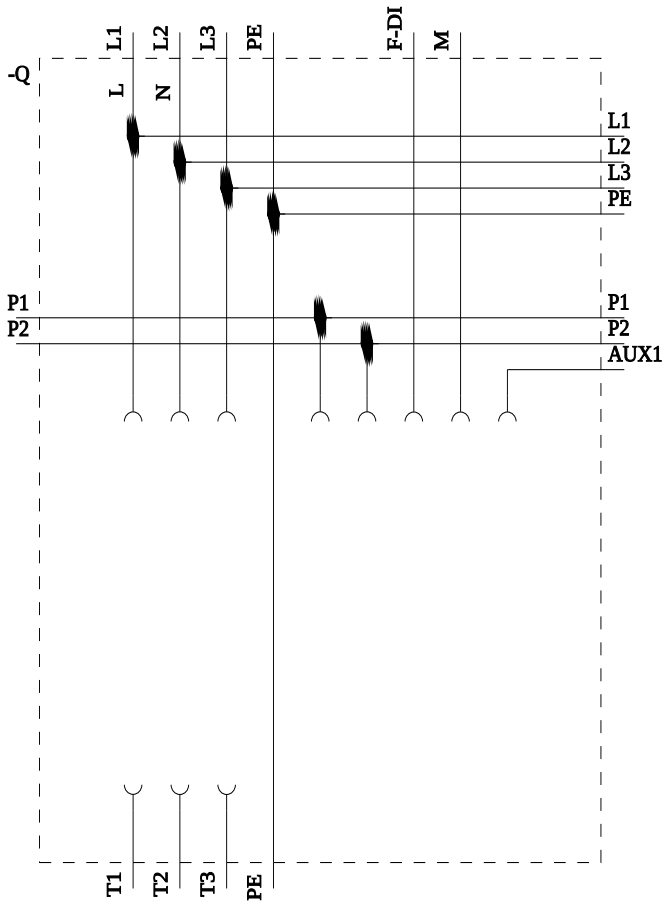
Environmental Confirmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
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=3RK1908-0AP00-0EP0
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0EP0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-0AP00-0EP0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1908-0AP00-0EP0&lang=en
Kennlinien
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