**Data sheet** 

## 3RK1908-0AP00-0FP0



Base unit (BU30-MS6) with F-DI For ET 200SP motor starter Without infeed

product brand name	SIMATIC	
product category	Accessories	
product designation	BaseUnit	
design of the product	without infeed, F-DI	
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 protective separation		
<ul> <li>between main and auxiliary circuit</li> </ul>	500 V	
shock resistance	6g / 11 ms	
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	04/15/2016	
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8	
Weight	0.223 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	
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	
• with signal <0> at DC	0 5 V	
• for signal <1> at DC	15 30	
Supply voltage		
type of voltage of the supply voltage	DC	
supply voltage 1 at DC rated value	24 V	
<ul> <li>minimum permissible</li> </ul>	20.4 V	
maximum permissible	28.8 V	
ampacity maximum	7 A	
Installation/ mounting/ dimensions		
mounting position	vertical, horizontal	

fastening method	DIN rail
height	215 mm
width	30 mm
depth	75 mm
required spacing with side-by-side mounting	70111111
upwards	50 mm
• downwards	50 mm
Ambient conditions	CO HIIII
installation altitude at height above sea level maximum	4 000 m; For derating see manual
ambient temperature	- coo m, co dotam g ood manaa.
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 load-side outgoing feeder	
• solid	1x 0,5 2,5 mm <sup>2</sup>
<ul> <li>finely stranded without core end processing</li> </ul>	1x 0,5 2,5 mm <sup>2</sup>
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
<ul> <li>finely stranded without core end processing</li> </ul>	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** 

**Test Certificates** 

Confirmation









Type Test Certificates/Test Report

Marine / Shipping

other

Environment







Confirmation



Environmental Confirmations

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=3RK1908-0AP00-0FP0

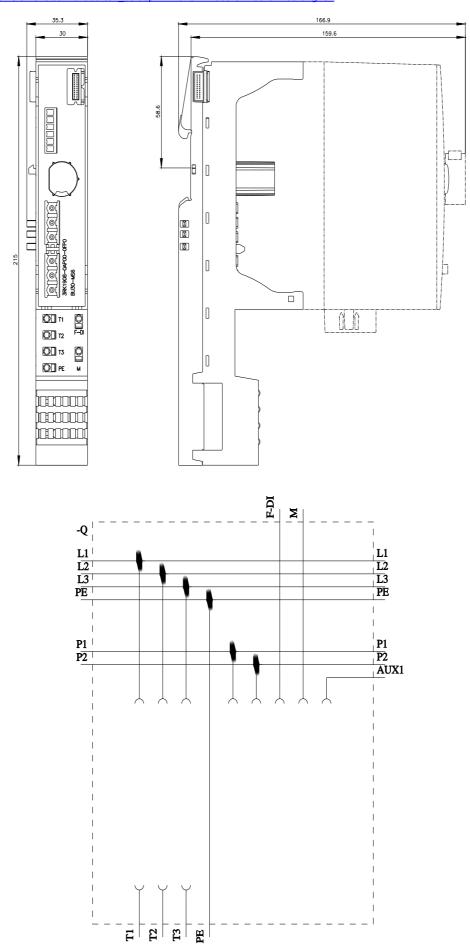
Cax online generator

.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1908-0AP00-0FP0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RK1908-0AP00-0FP0

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



last modified: 3/11/2024 🖸

