SIEMENS

Data sheet

3RK1308-0CA00-0CP0



Fail-safe direct-on-line starter High Feature; Electronic switching; Electronic overload protection up to 0.09 kW / 400 V; Adjustment range 0.1 .. 0.4 A; PROFlenergy; Option: 3DI/LC module

Figure similar

product brand name	SIMATIC
product category	Motor starter
product designation	Direct-on-line starter
product type designation	ET 200SP
General technical data	
equipment variant according to IEC 60947-4-2	3
product function	Fail-safe direct-on-line starter
 on-site operation 	Yes
 intrinsic device protection 	Yes
 remote firmware update 	Yes
 for power supply reverse polarity protection 	Yes
insulation voltage rated value	500 V
degree of pollution	2
overvoltage category	III
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
vibration resistance	15 mm to 6 Hz; 2g to 500 Hz
operating frequency maximum	1 1/s
mechanical service life (operating cycles) of the main contacts typical	30 000 000
type of assignment	1
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	04/15/2016
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 4,4'-isopropylidendiphenol (Bisphenol A, - 80-05-7 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
product function	
direct start	Yes
reverse starting	No
product component motor brake output	No
product function short circuit protection	Yes
design of short-circuit protection	fuse
maximum short-circuit current breaking capacity (Icu)	
• at 400 V rated value	55 kA
• at 500 V rated value	55 kA
 at 500 V according to UL 60947 rated value 	100 kA
maximum short-circuit current breaking capacity (Icu) in the IT network	

at 400 V rated value	55 kA
at 400 V rated value at 500 V rated value	55 kA
at 500 V rated value Electromagnetic compatibility	00 IA
	-l A
EMC emitted interference according to IEC 60947-1	class A
EMC immunity according to IEC 60947-1	Class A
conducted interference	
 due to burst according to IEC 61000-4-4 	3 kV
 due to conductor-earth surge according to IEC 61000-4-5 	4 kV
 due to conductor-conductor surge according to IEC 61000-4-5 	2 kV
 due to high-frequency radiation according to IEC 61000- 4-6 	Class A
field-based interference according to IEC 61000-4-3	20 V/m
electrostatic discharge according to IEC 61000-4-2	8 kV air discharge
conducted HF interference emissions according to CISPR11	Class A for industrial environment
field-bound HF interference emission according to CISPR11	Class A for industrial environment
Safety related data	
safety device type according to IEC 61508-2	Туре В
safe state	Load circuit open
B10d value	10 100 000
Safety Integrity Level (SIL) according to IEC 61508	3
performance level (PL) according to EN ISO 13849-1	е
category according to EN ISO 13849-1	4
stop category according to EN 60204-1	0
diagnostics test interval by internal test function maximum	600 s
PFH according to IEC 61508 relating to SIL	3.6E-9 1/h
PFDavg with low demand rate according to IEC 61508	4.1E-7
hardware fault tolerance according to IEC 61508	1
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe
Main circuit	
	3
number of poles for main current circuit	3 Hybrid
number of poles for main current circuit design of the switching contact	3 Hybrid 0.1 0.4 A
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release	Hybrid 0.1 0.4 A
number of poles for main current circuit design of the switching contact adjustable current response value current of the current-	Hybrid
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 %
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V
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number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 %
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 %
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number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value relative symmetrical tolerance of the operating frequency relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value relative symmetrical tolerance of the operating frequency relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value relative symmetrical tolerance of the operating frequency relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs • note	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value relative symmetrical tolerance of the operating frequency relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs • note • safety-related	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs • note • safety-related type of input characteristic	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs • note • safety-related type of input characteristic input voltage at digital input	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW 5 4 via 3DI/LC module 1 Type 1 in accordance with EN 61131-2
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value relative symmetrical tolerance of the operating frequency relative symmetrical tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs onte safety-related type of input characteristic input voltage at digital input onte	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs • note • safety-related type of input characteristic input voltage at digital input • at DC rated value • with signal <0> at DC	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW 5 4 via 3DI/LC module 1 Type 1 in accordance with EN 61131-2
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs • note • safety-related type of input characteristic input voltage at digital input • at DC rated value • with signal <0> at DC • for signal <1> at DC	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW 5 4 via 3DI/LC module 1 Type 1 in accordance with EN 61131-2 24 V 0 5 V 15 30
number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent overload release minimum load [%] type of the motor protection operating voltage rated value relative symmetrical tolerance of the operating voltage operating frequency 1 rated value operating frequency 2 rated value relative symmetrical tolerance of the operating frequency relative positive tolerance of the operating frequency relative negative tolerance of the operating frequency operational current at AC at 400 V rated value ampacity when starting maximum operating power for 3-phase motors at 400 V at 50 Hz Inputs/ Outputs number of digital inputs note safety-related type of input characteristic input voltage at digital input at DC rated value with signal <0> at DC for signal <1> at DC input current at digital input for signal <1> typical Supply voltage	Hybrid 0.1 0.4 A 50 %; from smallest adjustable rated current solid-state 48 500 V 10 % 50 Hz 60 Hz 5 % 5 % 5 % 0.4 A 4 A 0.06 0.12 kW 5 4 via 3DI/LC module 1 Type 1 in accordance with EN 61131-2 24 V 0 5 V 15 30 0.009 A
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maximum nermissible	28.8 V
maximum permissible supply voltage at DC rated value	24 V
consumed current for rated value of supply voltage	27 (
in standby mode of operation	95 mA
during operation	160 mA
at switching on of motor	250 mA
power loss [W] for rated value of supply voltage	200 1111
in switching state OFF with bypass circuit	2.3 W
in switching state ON with bypass circuit	3.8 W
inrush current peak at 24 V	25 A; Observe the manual for group configuration
duration of inrush current peak at 24 V	0.145 ms
Response times	
ON-delay time	35 ms
OFF-delay time	35 50 ms
OFF-delay time with safety-related request	
when switched off via control inputs maximum	55 ms
 when switched off via supply voltage maximum 	120 ms
Power Electronics	
operational current	
at 40 °C rated value	0.4 A
• at 50 °C rated value	0.4 A
• at 55 °C rated value	0.4 A
• at 60 °C rated value	0.4 A
Installation/ mounting/ dimensions	
mounting position	Vertical, horizontal (observe derating)
fastening method	pluggable in BaseUnit
height	142 mm
width	30 mm
depth	150 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	
ambient temperature	
during operation	-25 +60 °C; For derating see manual
•	-40 +70 °C
during operationduring storageduring transport	
during operation during storage during transport environmental category during operation according to IEC	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must
during operation during storage during transport environmental category during operation according to IEC 60721	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices)
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must
during operation during storage during transport environmental category during operation according to IEC 60721	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 %
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 %
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 %
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes No
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function supports PROFIenergy measured values	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes No
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function supports PROFlenergy measured values supports PROFlenergy shutdown	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes No
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function supports PROFlenergy measured values supports PROFlenergy shutdown address space memory of address range	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes Yes Yes No
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function supports PROFlenergy measured values supports PROFlenergy shutdown address space memory of address range of the inputs	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes No Yes Yes Yes A byte
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function supports PROFlenergy measured values supports PROFlenergy shutdown address space memory of address range of the inputs of the outputs	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes
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during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function supports PROFlenergy measured values supports PROFlenergy shutdown address space memory of address range of the inputs of the outputs type of electrical connection of the communication interface Connections/ Terminals type of electrical connection	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes No Yes Yes Plug contact to Base Unit
during operation during storage during transport environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 31205 Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protocol product function bus communication protocol is supported AS-Interface protocol product function supports PROFlenergy measured values supports PROFlenergy shutdown address space memory of address range of the inputs of the outputs type of electrical connection of the communication interface Connections/ Terminals type of electrical connection of tor digital input signals	-40 +70 °C -40 +70 °C 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) 10 95 % 900 1 060 hPa Yes Yes Yes No Yes Yes Plug contact to Base Unit

General Product Approval		EMC	
Certificates/ approvals			
operating voltage at AC at 60 Hz according to CSA and UL rated value	480 V		
full-load current (FLA) for 3-phase AC motor at 480 V rated value	0.4 A		
UL/CSA ratings			
wire length for motor unshielded maximum	200 m		
for supply voltage line-side	Plug contact to Base Unit		
• for load-side outgoing feeder	Plug contact to Base Unit		





Confirmation







For use in hazardous locations

Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

Marine / Shipping



Type Examination Certificate





Type Test Certificates/Test Report



Marine / Shipping







Confirmation

other



Further information

Siemens has decided to exit the Russian market (see here).

ind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RK1308-0CA00-0CP0

Cax online generator

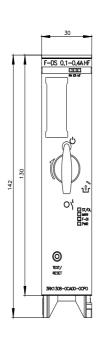
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1308-0CA00-0CP0

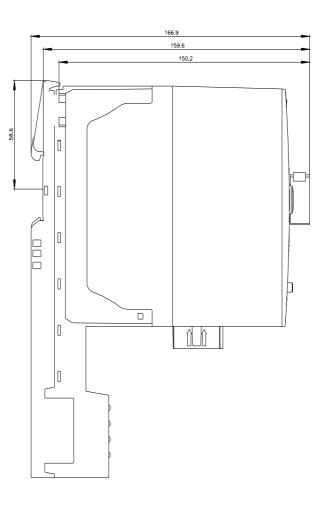
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

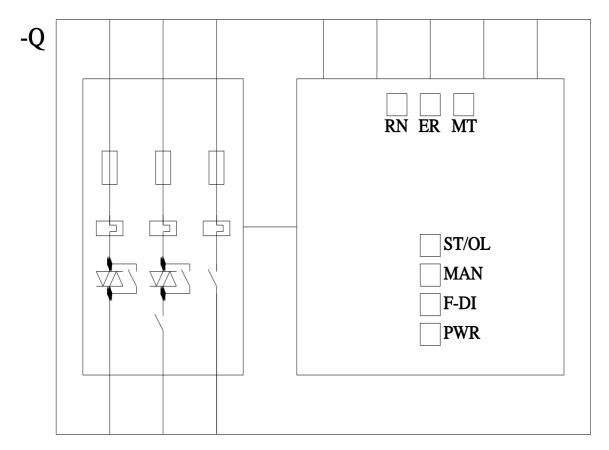
https://support.industry.siemens.com/cs/ww/en/ps/3RK1308-0CA00-0CP0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1308-0CA00-0CP0&lang=en







last modified: 9/1/2023 🖸

