SIEMENS

Data sheet

3RK1308-0AE00-0CP0

	Direct-on-line starter High Feature; Incl. fan (3RW4928-8VB00); Electronic switching; Electronic overload protection up to 5.5 kW / 400 V; Adjustment range 4.0 12 A; PROFlenergy; Option: 3DI/LC module
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	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
utilization category	
• according to IEC 60947-4-2	AC-53a: 12 A: (8-0,5: 72-32)
according to IEC 60947-4-3	AC-51: 12 A: (1,2-10: 50-360); AC-55a: 5 A: (3-240: 40-6)
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	04/15/2016
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 500 V rated value	55 kA
Electromagnetic compatibility	
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 	2 kV
• due to conductor-earth surge according to IEC 61000-4-5	2 kV
 due to conductor-conductor surge according to IEC 61000-4-5 	1 kV

4-6	
field-based interference according to IEC 61000-4-3	10 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 Safety related data	Class A for industrial environment
safe state	Load circuit open
MTBF	46 a
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe
Main circuit	miga. sans
number of poles for main current circuit	3
design of the switching contact	Hybrid
adjustable current response value current of the current- dependent overload release	4 12 A
minimum load [%]	50 %; from smallest adjustable rated current
type of the motor protection	solid-state
operating voltage rated value	48 500 V
relative symmetrical tolerance of the operating voltage	10 %
operating frequency 1 rated value	50 Hz
operating frequency 2 rated value	60 Hz
relative symmetrical tolerance of the operating frequency	5 %
relative positive tolerance of the operating frequency	5 %
relative negative tolerance of the operating frequency	5 %
operational current at AC at 400 V rated value	12 A
ampacity when starting maximum	100 A
operating power for 3-phase motors at 400 V at 50 Hz	2.2 5.5 kW
Inputs/ Outputs	
number of digital inputs	4
• note	4 via 3DI/LC module
Supply voltage	
Supply voltage	
type of voltage of the supply voltage	DC
type of voltage of the supply voltage supply voltage 1 at DC rated value	
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible	20.4 V
type of voltage of the supply voltage supply voltage 1 at DC rated value minimum permissible maximum permissible	20.4 V 28.8 V
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value	20.4 V
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage	20.4 V 28.8 V 24 V
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation	20.4 V 28.8 V 24 V
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation	20.4 V 28.8 V 24 V 85 mA 140 mA
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor	20.4 V 28.8 V 24 V
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage	20.4 V 28.8 V 24 V 85 mA 140 mA
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit • in switching state ON with bypass circuit	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit • in switching state ON with bypass circuit inrush current peak at 24 V duration of inrush current peak at 24 V	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit • in switching state ON with bypass circuit inrush current peak at 24 V duration of inrush current peak at 24 V Response times	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit • in switching state ON with bypass circuit inrush current peak at 24 V duration of inrush current peak at 24 V Response times ON-delay time OFF-delay time Power Electronics operational current	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit • in switching state ON with bypass circuit inrush current peak at 24 V duration of inrush current peak at 24 V Response times ON-delay time OFF-delay time Power Electronics operational current • at 40 °C rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms
type of voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit • in switching state ON with bypass circuit inrush current peak at 24 V duration of inrush current peak at 24 V Response times ON-delay time OFF-delay time Power Electronics operational current • at 40 °C rated value • at 50 °C rated value • at 55 °C rated value • at 60 °C rated value Installation/ mounting/ dimensions	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms 12 A 10 A 9 A 9 A 9 A 9 A Vertical, horizontal (observe derating) pluggable in BaseUnit
type of voltage of the supply voltage supply voltage 1 at DC rated value	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms 12 A 10 A 9 A 9 A 9 A Vertical, horizontal (observe derating) pluggable in BaseUnit 142 mm
type of voltage of the supply voltage supply voltage 1 at DC rated value • minimum permissible • maximum permissible supply voltage at DC rated value consumed current for rated value of supply voltage • in standby mode of operation • during operation • at switching on of motor power loss [W] for rated value of supply voltage • in switching state OFF with bypass circuit • in switching state ON with bypass circuit inrush current peak at 24 V duration of inrush current peak at 24 V Response times ON-delay time OFF-delay time Power Electronics operational current • at 40 °C rated value • at 55 °C rated value • at 55 °C rated value Installation/ mounting/ dimensions mounting position fastening method	20.4 V 28.8 V 24 V 85 mA 140 mA 230 mA 2 W 3.4 W 25 A; Observe the manual for group configuration 0.145 ms 20 ms 35 50 ms 12 A 10 A 9 A 9 A 9 A 9 A Vertical, horizontal (observe derating) pluggable in BaseUnit

requires spacing with solery-side mounting • ownwards • outing borage • outing poreation • outing poreation • outing storage • during transport • during storage		
Ambient conditions Installation altitude at height above sea level maximum Ambient temperature of uring poration of uring storage of uring torage of uring torage and uring torage and uring to IEC 60721 of uring torage and uring operation according to IEC 60721 of uring torage and uring to the devices) relative humility during operation of uring torage and uring to IEC 60721 of uring torage and uring to IEC of uring torage and uring torage and uring to IEC of uring torage and ur	required spacing with side-by-side mounting	
Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport • during devices environmental category during operation according to IEC 60721 and perfation of lice, no condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices) relative humidity during operation • 10 95 % • proficial by Protocol • PROFINED OP protocol • PROFINED OP protocol • PROFINED OP protocol • PROFINET protocol • Supports PROFienergy measured values • Supports PROFienergy shutdown • supports PROFienergy shutdown • supports PROFienergy shutdown • of the inputs • of the outputs • of the outputs • of the outputs • of the outputs • of or delectrical connection • In or digital input signals • type of electrical connection • for main energy infeed • for road-side outpoing feeder • for supply voltage line-side wire length for motor unshielded maximum • 200 m UICSA ratings • full-load current (FLA) for 3-phase AC motor at 480 V rated • at 101/120 V rated value • at 200/200 V rated value • at 400/400 V rated value •	·	
installation altitude at height above sea level maximum ambiont temperature e during operation e during poration e during poration e during storage e during transport ervironmental category during operation according to IEC 60721 ervironmental category during operation air pressure according to SN 31205 900 1 080 hPa Communication / Protocol PROFIBUS DP protocol PROFIBUS DP protocol Protocol is supported PROFIBUS DP protocol Protocol is supported AS-interface protocol Protocol PROFIBUS DP protocol Protocol PROFIBUS DP protocol Protocol is purported AS-interface protocol Protocol is purported Protocol is purported Protocol is purported Protocol is protocol Protocol is protocol Protocol is purported Protocol is protocol Protocol is purported Protocol is purported Protocol is purported Protocol is pur		50 mm
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• during operation • during storage • during iransport • 40 +70 °C • during iransport • 40 +70 °C • during iransport • environmental category during operation according to IEC 60721 relative humidity during operation air pressure according to SN 91205 900 1 060 hPa Communication Protocol Protocol is supported • PROFIBLUS DP protocol • PROFIBLUS DP protocol • PROFIBLUS DP protocol • PROFIBLUS PROFICE protocol • PROFIBLUS PROFICE protocol • PROFIBLUS PROFICE protocol • Supported AS-interface protocol • PROFIBLUS PROFICE protocol • Supported PROFICE protocol • Supports PROF	installation altitude at height above sea level maximum	4 000 m; For derating see manual
oluring storage oluring transport environmental category during operation according to IEC 60721 environmental category during operation 10 95 % air pressure according to SN 31205 900 1 060 hPa Communication! Protocol Protocol is supported PROFIBUS DP protocol PROFIBUS DP protocol PROFINET protocol PROFINET protocol PROFINET protocol Product function bus communication Product function bus communication Product function *usuports PROFlenergy measured values *usuports PROFlenergy shutdown *usuports PROFlenergy shutdown *usuports PROFlenergy shutdown *usuports PROFlenergy shutdown *of the outputs *uport of address range *of the inputs *of the outputs *type of electrical connection *of electrical connection *of ror supphy voitage line-side *of supphy voitage line-side *of single-phase AC motor *-at 200/208 V rated value *of 37-brase AC motor *-at 400/480 V rated value *of 500/480	ambient temperature	
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environmental category during operation according to IEC 60721 3K6 (no formation of ice, no condensation), 3C3 (no salt mist), 3S2 (sand must notice that the devices) relative humidity during operation air pressure according to SN 31205 900 1 060 hPa Communication/ Protocol PROFIBUS DP protocol PROFINET protocol Product function bus communication Yes product function bus communication Protocol is supported AS-Interface protocol Product function • supports PROFlenergy measured values • supports PROFlenergy measured values • supports PROFlenergy shutdown 4 byte • of the inputs • of the outputs • of electrical connection of the communication interface Connections/ Terminals Type of electrical connection • 1 for digital input signals Type of electrical connection • 1 for digital input signals Type of electrical connection • for main energy infeed • for supply voltage line-side • for supply voltage line-side • Plug contact to Base Unit Plug contact to Base Unit ULCSA ratings Ill-load current (FLA) for 3-phase AC motor at 480 V rated value • of single-phase AC motor — at 200/208 V rated value — at 460/480 V rated value — at 460/	during storage	-40 +70 °C
e0721 not get into the devices) relative humidity during operation 10 95 % air pressure according to SN 31205 900 1 080 hPa Communication Protocol Protocol is supported Protocol PROFIBUS DP protocol Yes PROFIBUS DP protocol Yes PROFIBUT protocol Yes Product function bus communication Yes product function bus communication Yes protocol is supported AS-interface protocol No product function Supported AS-interface protocol No supports PROFlenergy measured values Yes supports PROFlenergy shutdown Yes address space memory of address range of the inputs 4 byte of the outputs 2 byte of electrical connection of the communication interface Plug contact to Base Unit Connections Terminals type of electrical connection Plug contact to Base Unit Plug contact to Base Unit Or load-side outgoing feeder Plug contact to Base Unit Plug contact to Base Unit vire length for motor unshielded maximum 200 m ULCSA ratings Individual current (FLA) for 3-phase AC motor at 480 V rated value of or single-phase AC motor — at 200/208 V rated value — at 200/208 V rated value — at 200/208 V rated value — at 460/480 V rated value — 7.5 hp Operating voltage at AC at 60 Hz according to CSA and UL cated value Certificates/approvals	during transport	-40 +70 °C
air pressure according to SN 31205 900 1 060 hPa Communication/ Protocol protocol is supported ProFIBUS DP protocol PROFIBUS DP protocol PROFINET protocol Product function bus communication Protocol is supported AS-Interface protocol Product function Supports PROFlenergy measured values Supports PROFlenergy shutdown Supports PROFlenergy shutdown Product function Supports PROFlenergy shutdown Supports PROFlenergy shutdown Pres Supports PROFlenergy shutdown Pres Supports PROFlenergy shutdown Pres Supports PROFlenergy shutdown Supports PROFlenergy shutdown Supports PROFlenergy shutdown Pres Supports PROFlenergy shutdown Pres Supports PROFlenergy shutdown Supports PROFlenergy shutdown Supports PROFlenergy shutdown Pres Supports PROFlenergy shutdown Supports PROFlenergy shutdown Pres Supports PROFlenergy Supports Pres Supports Pres Supports PROFlenergy Supports Pres Supports Pres Supports PROFlenergy Supports Pres Supports Pres Supports Pres Supp		
Communication/ Protocol protocol is supported PROFIBUS DP protocol PROFINET protoc	relative humidity during operation	10 95 %
Protocol is supported PROFIBUS DP protocol PROFIBUS DP protocol PROFINET protocol PROFINET protocol Product function bus communication Protocol is supported AS-Interface protocol Product function Supports PROFlenergy measured values Supports PROFlenergy shutdown Supports PROFlearegy shutdown Supports Support	air pressure according to SN 31205	900 1 060 hPa
PROFIBUS DP protocol PROFINET protocol Product function bus communication Protocol is supported AS-Interface protocol Product function Supports PROFlenergy measured values Supports PROFlenergy shutdown Supports PROFlenergy shutdown Yes address space memory of address range of the inputs of the outputs Yes delectrical connection of the communication interface Connections/Terminals Type of electrical connection of 1 for digital input signals Type of electrical connection of ror main energy infeed for load-side outgoing feeder for load-side outgoing feeder for supply voltage line-side Plug contact to Base Unit Wire length for motor unshielded maximum ULCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 230 V rated value of or 3-phase AC motor — at 110/120 V rated value of or 3-phase AC motor — at 220/230 V rated value — at 260/480 V rated value — at 260/480 V rated value — at 260/480 V rated value Operating voltage at AC at 60 Hz according to CSA and UL certificates/approvals	Communication/ Protocol	
PROFINET protocol Product function bus communication Protocol is supported AS-interface protocol Product function supports PROFlenergy measured values supports PROFlenergy shutdown supports Shutdown supports PROFlenergy shutdown supports Shutdown sup	protocol is supported	
product function bus communication product function product function	 PROFIBUS DP protocol 	Yes
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 • of the outputs type of electrical connection of the communication interface Connections/ Terminals type of electrical connection • 1 for digital input signals • for main energy infeed • for nain energy infeed • for supply voltage line-side vire length for motor unshielded maximum UL/GSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value • at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value Operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals Yes 4 byte 4 byte 4 byte 4 byte Plug contact to Base Unit Plug contact to Base Unit 20 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 12 A 12 A 12 A 4 byte 4 byte 4 byte 4 byte 4 byte 4 byte 5 bp 4 contact to Base Unit 2 bp 4 for single-phase AC motor — at 200/208 V rated value 4 byte 5 byte 4 byte 4 byte 5 byte 4 byte 4 byte 6 of the approximation interface 7 byte 4 byte 6 of the approximation interface 9 byte 4 byte 4 byte 6 of the approximation interface 1 contact to Base Unit 9 byte 4 byte 4 byte 4	PROFINET protocol	Yes
product function	product function bus communication	Yes
• supports PROFlenergy measured values • supports PROFlenergy shutdown address space memory of address range • of the inputs • of the outputs 2 byte type of electrical connection of the communication interface Connections/ Terminals type of electrical connection • 1 for digital input signals • for load-side outgoing feeder • for supply voltage line-side wire length for motor unshielded maximum UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value • for 3-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 220/230 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 480 V rated value — 480 V Certificates/ approvals	protocol is supported AS-Interface protocol	No
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 olitor digital input signals for main energy infeed for main energy infeed for load-side outgoing feeder for supply voltage line-side Plug contact to Base Unit Plug contact to Base Unit Plug contact to Base Unit of or main energy infeed for supply voltage line-side Plug contact to Base Unit in the length for motor unshielded maximum 200 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] of or single-phase AC motor - at 230 V rated value of for 3-phase AC motor - at 200/208 V rated value of or 3-phase AC motor - at 200/208 V rated value of at 480/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value certificates/ approvals view length or motor at 480 V rated value of the inputs of the same Unit A byte description accessory Plug contact to Base Unit Op may to the same unit of to a single phase AC motor at 200/208 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value operating voltage at AC at 60 Hz according to CSA and UL rated value certificates/ approvals	product function	
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 the digital input signals type of electrical connection of main energy infeed of ro load-side outgoing feeder of ro load-side outgoing feeder of ro supply voltage line-side Plug contact to Base Unit Plug contact to Base Unit ef or supply voltage ine-side Plug contact to Base Unit wire length for motor unshielded maximum 200 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] of or single-phase AC motor — at 110/120 V rated value of 3-phase AC motor — at 230 V rated value of 3-phase AC motor — at 200/208 V rated value of 3-phase AC motor — at 200/208 V rated value of at 480/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/approvals	 supports PROFlenergy measured values 	Yes
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 Plugable module - accessory type of electrical connection of ror main energy infeed of ror load-side outgoing feeder of ror single-pitals for motor unshielded maximum unices and the side of the sid	 supports PROFlenergy shutdown 	Yes
of the outputs type of electrical connection of the communication interface Connections/ Terminals type of electrical connection of the outputs type of electrical connection of the outputs indigital input signals type of electrical connection of or main energy infeed of rolload-side outgoing feeder of rolload-sid	address space memory of address range	
type of electrical connection of the communication interface Connections/ Terminals type of electrical connection • 1 for digital input signals type of electrical connection • 1 for digital input signals Pluggable module - accessory type of electrical connection • for main energy infeed • for load-side outgoing feeder • for supply voltage line-side Plug contact to Base Unit Plug contact to Base Unit vire length for motor unshielded maximum 200 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value • at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	of the inputs	4 byte
type of electrical connection • 1 for digital input signals type of electrical connection • 1 for main energy infeed • for main energy infeed • for load-side outgoing feeder • for supply voltage line-side wire length for motor unshielded maximum UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value Operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	of the outputs	2 byte
type of electrical connection • 1 for digital input signals Pluggable module - accessory type of electrical connection • for main energy infeed • for load-side outgoing feeder • for supply voltage line-side • for supply voltage line-side wire length for motor unshielded maximum 200 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	type of electrical connection of the communication interface	Plug contact to Base Unit
• 1 for digital input signals type of electrical connection • for main energy infeed • for load-side outgoing feeder • for supply voltage line-side • for supply voltage line-side Plug contact to Base Unit ### Plug contact to B	Connections/ Terminals	
type of electrical connection • for main energy infeed • for load-side outgoing feeder • for supply voltage line-side • for supply voltage line-side Plug contact to Base Unit	type of electrical connection	
for main energy infeed for load-side outgoing feeder for supply voltage line-side for supply voltage line-side Plug contact to Base Unit Plug contact to Base Unit Plug contact to Base Unit wire length for motor unshielded maximum 200 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	1 for digital input signals	Pluggable module - accessory
for load-side outgoing feeder for supply voltage line-side Plug contact to Base Unit 200 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] for single-phase AC motor	type of electrical connection	
• for supply voltage line-side wire length for motor unshielded maximum 200 m UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals Plug contact to Base Unit 200 m 12 A 12 A 2 h 480 V	for main energy infeed	Plug contact to Base Unit
wire length for motor unshielded maximum UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	for load-side outgoing feeder	Plug contact to Base Unit
full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	for supply voltage line-side	Plug contact to Base Unit
full-load current (FLA) for 3-phase AC motor at 480 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value 9 for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	wire length for motor unshielded maximum	200 m
yielded mechanical performance [hp] ● for single-phase AC motor — at 110/120 V rated value 0.5 hp — at 230 V rated value 2 hp ● for 3-phase AC motor — at 200/208 V rated value 2 hp — at 220/230 V rated value 3 hp — at 460/480 V rated value 7.5 hp operating voltage at AC at 60 Hz according to CSA and UL rated value 480 V Certificates/ approvals	UL/CSA ratings	
for single-phase AC motor — at 110/120 V rated value		12 A
— at 110/120 V rated value 0.5 hp — at 230 V rated value 2 hp • for 3-phase AC motor — at 200/208 V rated value 2 hp — at 220/230 V rated value 3 hp — at 460/480 V rated value 7.5 hp operating voltage at AC at 60 Hz according to CSA and UL rated value 480 V Certificates/ approvals	yielded mechanical performance [hp]	
- at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value 2 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	• for single-phase AC motor	
- at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value 2 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals	— at 110/120 V rated value	0.5 hp
for 3-phase AC motor — at 200/208 V rated value	— at 230 V rated value	2 hp
- at 200/208 V rated value 2 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp operating voltage at AC at 60 Hz according to CSA and UL rated value 480 V Certificates/ approvals	• for 3-phase AC motor	
— at 220/230 V rated value 3 hp — at 460/480 V rated value 7.5 hp operating voltage at AC at 60 Hz according to CSA and UL rated value 480 V Certificates/ approvals	— at 200/208 V rated value	2 hp
— at 460/480 V rated value 7.5 hp operating voltage at AC at 60 Hz according to CSA and UL rated value 480 V Certificates/ approvals	— at 220/230 V rated value	
operating voltage at AC at 60 Hz according to CSA and UL rated value Certificates/ approvals		
	operating voltage at AC at 60 Hz according to CSA and UL	
		FMC



Confirmation









Declaration of Conformity Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other

Dangerous Good



Confirmation

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Denfilme

Transport Information

Further information

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

https://press.siemens.com/global/en/pressrelease/siemens-wind-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=3RK1308-0AE00-0CP0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1308-0AE00-0CP0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RK1308-0AE00-0CP0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1308-0AE00-0CP0&lang=en

last modified: 10/22/2021 🖸

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