SIEMENS

Data sheet

3RK1395-6KS41-3AD5

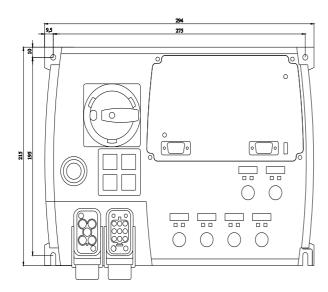


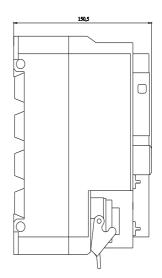
SIRIUS motor starter M200D Technology module Reversing starter Mechanical switching AC-3, 0.75KW / 400 V 0.15 A...2.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC with brake contact 180 V DC 4 DI / 2 DO Han Q4/2 - Han Q8/0 with manual on-site operation and key-operated switch via communication module 3RK1305* can be used on PROFIBUS or PROFINET

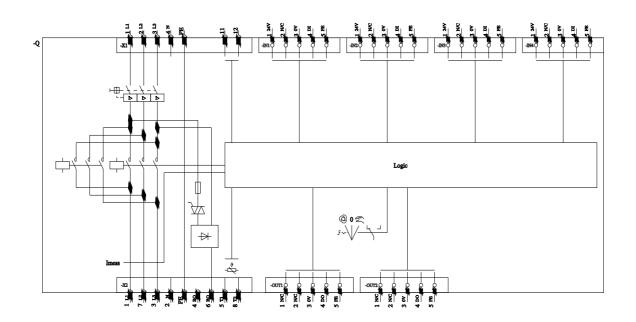
product brand name	SIRIUS
product designation	Motor starters
design of the product	reversing starter
product type designation	M200D
product function	
on-site operation	Yes
 control circuit interface to parallel wiring 	No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance rated value	6 000 V
maximum permissible voltage for protective separation	
 between main and auxiliary circuit 	400 V
 between control and auxiliary circuit 	24 V
protection class IP	IP65
shock resistance	12g / 11 ms
mechanical service life (operating cycles) of the main contacts typical	10 000 000
type of assignment	2
certificate of suitability	CE
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
product function	
direct start	No
reverse starting	Yes
product component motor brake output	Yes
Ū	Yes
product component motor brake output	Yes
product component motor brake output product feature	
product component motor brake output product feature • brake control with 230 V AC	No
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC	No
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC	No No
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC	No No No Yes
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC • brake control with 500 V DC	No No Yes No
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC • brake control with 500 V DC product extension braking module for brake control	No No Yes No
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC • brake control with 500 V DC product extension braking module for brake control product function short circuit protection	No No No Yes No No Yes
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC • brake control with 500 V DC product extension braking module for brake control product function short circuit protection design of short-circuit protection	No No Yes No No Yes
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC • brake control with 500 V DC product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu)	No No No Yes No No Yes circuit-breakers
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC • brake control with 500 V DC product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) • at 400 V rated value	No No No Yes No No Yes circuit-breakers 50 000 A
product component motor brake output product feature • brake control with 230 V AC • brake control with 400 V AC • brake control with 24 V DC • brake control with 180 V DC • brake control with 500 V DC product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) • at 400 V rated value • at 500 V rated value	No No No Yes No No Yes circuit-breakers 50 000 A 50 000 A

conducted interference	
due to burst according to IEC 61000-4-4	2 kV network connection / 1 kV control connection
 due to conductor-earth surge according to IEC 61000-4-5 	2 kV
due to conductor conductor surge according to IEC	1 kV
61000-4-5	
touch protection against electrical shock	finger-safe
Main circuit	
number of poles for main current circuit	3
design of the switching contact	electromechanical
adjustable current response value current of the current- dependent overload release	0.15 2 A
type of the motor protection	full motor protection
operating voltage rated value	200 440 V
operational current	200 110 V
at AC at 400 V rated value	2 A
at AC-3 at 400 V rated value	2 A
operating power	
• at AC-3	
— at 400 V rated value	0.75 kW
— at 500 V rated value	750 W
● at AC-3e	
— at 400 V rated value	1 kW
— at 500 V rated value	0.75 kW
product function	
 digital inputs parameterizable 	Yes
 digital outputs parameterizable 	Yes
number of digital inputs	4
number of sockets	
 for digital output signals 	2
 for digital input signals 	4
number of digital outputs	2
Supply voltage	
type of voltage of the supply voltage	DC
supply voltage 1 at DC	24 V
Control circuit/ Control	20
type of voltage of the control supply voltage	DC
control supply voltage 1	20.4 20.0 \/
 at DC rated value at DC 	20.4 28.8 V 20.4 28.8 V
control current at DC	20.4 20.0 V
• in standby mode of operation	100 mA
during operation	600 mA
power loss [W] in auxiliary and control circuit	
• in switching state OFF with bypass circuit	1.9584 W
in switching state ON with bypass circuit	5.04 W
Response times	
ON-delay time	85 ms
OFF-delay time	
mounting position	65 ms
	65 ms vertical, horizontal, flat
 recommended 	
• recommended fastening method	vertical, horizontal, flat
	vertical, horizontal, flat horizontal
fastening method	vertical, horizontal, flat horizontal screw fixing
fastening method height	vertical, horizontal, flat horizontal screw fixing 215 mm
fastening method height width	vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
fastening method height width depth	vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
fastening method height width depth Ambient conditions	vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm
fastening method height width depth Ambient conditions installation altitude at height above sea level maximum	vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm
fastening method height width depth Ambient conditions installation altitude at height above sea level maximum ambient temperature	vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m
fastening method height width depth Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation	vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m -25 +55 °C

protocol is supported					
 PROFIBUS DP protocol 		No			
PROFINET protocol		No			
design of the interface					
 AS-Interface protocol 		No			
 PROFINET protocol 		No			
PROFIBUS DP protocol		No			
product function bus communication protocol is supported AS-Interface protocol product function control circuit interface with IO link		Yes No			
type of electrical connection					
● for main current circuit		plug according to ISO 23570, HAN Q4/2			
 for auxiliary and control circuit 		connector			
type of electrical connection					
 1 for digital input signals 		M12 socket			
 1 for digital output signals 		M12 socket			
• 2 for digital input signals		M12 socket			
3 for digital input signals		M12 socket			
• 4 for digital input signals		M12 socket			
full-load current (FLA) for 3-phase AC motor at 4 value	480 V rated	1.6 A			
yielded mechanical performance [hp]					
 for 3-phase AC motor 					
— at 460/480 V rated value		0.7 hp			
— at 575/600 V rated value		1 hp			
operating voltage at AC at 60 Hz according to C	SA and UL	600 V			
ated value					
			rnr	EMC	
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