SIEMENS

Data sheet

3RK1395-6KS41-2AD3

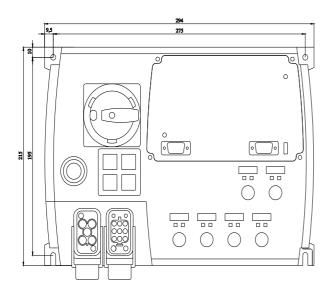


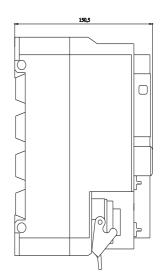
SIRIUS motor starter M200D Technology module DOL starter Mechanical switching AC-3, 0.75KW / 400 V 0.15 A...2.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC with brake contact 400 V AC 4 DI / 2 DO Han Q4/2 - Han Q8/0 with manual on-site operation and key-operated switch via communication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

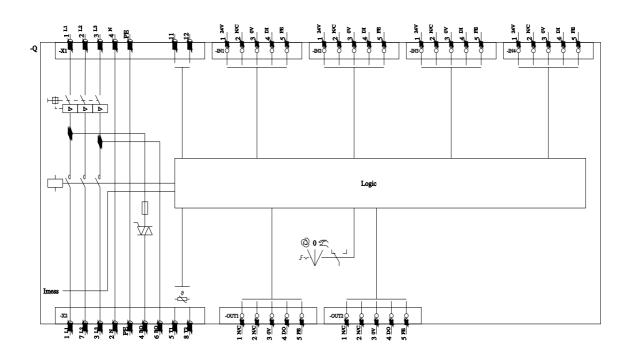
product brand name	SIRIUS
product designation	Motor starters
design of the product	direct starter
product type designation	M200D
product function	
on-site operation	Yes
 control circuit interface to parallel wiring 	No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance 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	Yes
reverse starting	No
product component motor brake output	Yes
product feature	
 brake control with 230 V AC 	Yes
 brake control with 400 V AC 	Yes
 brake control with 24 V DC 	No
 brake control with 180 V DC 	No
 brake control with 500 V DC 	
	No
product extension braking module for brake control	No No
product extension braking module for brake control	No
product extension braking module for brake control product function short circuit protection	No Yes
product extension braking module for brake control product function short circuit protection design of short-circuit protection	No Yes
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 Yes circuit-breakers
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 Yes circuit-breakers 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		Yes		
protocol is supported AS-Interface protocol		No		
product function control circuit interface w	vith IO link	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 mo value	otor at 480 V rated	1.6 A		
yielded mechanical performance [hp]				
 for 3-phase AC motor 				
— at 460/480 V rated value		0.7 hp		
		1 hp		
— at 575/600 V rated value				
operating voltage at AC at 60 Hz accordin rated value	ng to CSA and UL	600 V		
operating voltage at AC at 60 Hz accordin rated value ertificates/ approvals	ng to CSA and UL			FNO
operating voltage at AC at 60 Hz accordin rated value	ng to CSA and UL			EMC
operating voltage at AC at 60 Hz accordin rated value ertificates/ approvals	ng to CSA and UL Confirmatio	600 V	EAC	EMC ECM
operating voltage at AC at 60 Hz accordin rated value ertificates/ approvals	-	600 V	EAC	EMC EMC ECM Dangerous Good
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8/9/2023 🖸