SIEMENS

Data sheet

3RK1395-6LS41-0AD3

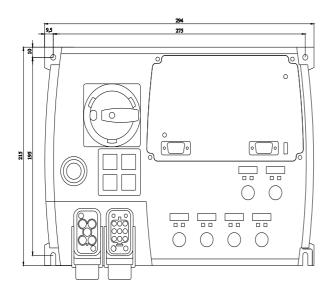


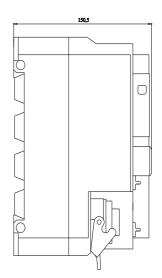
SIRIUS motor starter M200D Technology module DOL starter Mechanical switching AC-3, 5.5 kW / 400 V 1.5 A...12.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC with brake contact 400 V AC 4 DI / 2 DO Han Q4/2 - Han Q8/0 via communication module 3RK1305* can be used on PROFIBUS or PROFINET

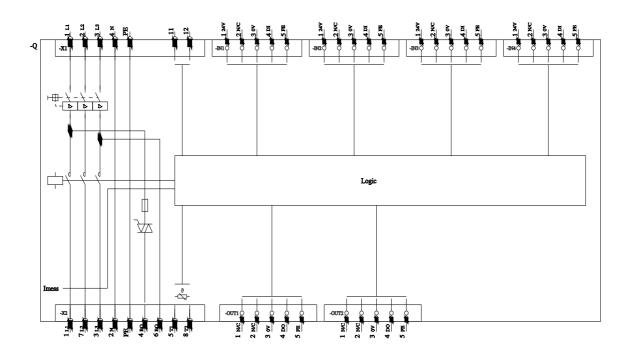
product brand name	SIRIUS
product designation	Motor starters
design of the product	direct starter
product type designation	M200D
product function	
 on-site operation 	No
 control circuit interface to parallel wiring 	No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance 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	1
certificate of suitability	CE
Substance Prohibitance (Date)	07/04/0000
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
	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8
SVHC substance name product function	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
SVHC substance name product function • direct start	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes
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SVHC substance name product function direct start reverse starting 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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes No Yes Yes No No
SVHC substance name product function direct start reverse starting 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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes No Yes Yes No No No No
SVHC substance name product function direct start reverse starting 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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes No Yes Yes No No No No
SVHC substance name product function direct start reverse starting 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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes No Yes Yes No No No No No No Yes
SVHC substance name product function direct start ereverse starting 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	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes No Yes Yes No No No No No No Yes
SVHC substance name product function direct start ereverse starting 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)	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes No Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes No No No No No Yes circuit-breakers
SVHC substance name product function direct start reverse starting 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 current breaking capacity (Icu) o at 400 V rated value	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 Yes No Yes Yes Yes No No No No No No So So 000 A

conducted interference				
odue to burst according to IEC 61000-4-4	2 kV network connection / 1 kV control connection			
 due to builst according to IEC 01000-4-4 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	1.5 12 A			
type of the motor protection	full motor protection			
operating voltage rated value	200 440 V			
operational current				
at AC at 400 V rated value	12 A			
 at AC-3 at 400 V rated value 	12 A			
operating power				
• at AC-3				
— at 400 V rated value	5.5 kW			
— at 500 V rated value	5 500 W			
• at AC-3e				
— at 400 V rated value	6 kW			
— at 500 V rated value	5.5 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 number of digital outputs	4 2			
Supply voltage	2			
	DC			
type of voltage of the supply voltage Control circuit/ Control	DC			
type of voltage of the supply voltage	DC DC			
type of voltage of the supply voltage Control circuit/ Control				
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage				
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value	DC 20.4 28.8 V			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC	DC 20.4 28.8 V			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation	DC 20.4 28.8 V 20.4 28.8 V			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit	DC 20.4 28.8 V 20.4 28.8 V 100 mA			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit Response times ON-delay time OFF-delay time	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit Response times ON-delay time OFF-delay time mounting position	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypase circuit	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height width depth	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time mounting position • recommended fastening method height width depth Ambient conditions	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height width depth	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON • off-delay time mounting position • recommended fastening met	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time mounting position • recommended fastening method height width depth Ambient conditions installation altitude at height above sea level maximum ambient temperature	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit • necommended fastening method height width depth Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m -25 +55 °C			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time OFF-delay time mounting position • recommended fastening method height width depth Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m -25 +55 °C -40 +70 °C			
type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit • in switching state ON with bypass circuit Power loss [W] in auxiliary and control circuit • in switching state ON with bypass circuit • in switching state ON with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time mounting position • recommended fastening method height width depth Ambient conditions installation altitude at height above sea level maximum ambient temperature • during operation • during storage • during transport	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 5.04 W 85 ms 65 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2000 m -25 +55 °C -40 +70 °C -40 +70 °C			

No No				
N				
No				
	No			
	No			
	Yes			
No	1			
plu	plug according to ISO 23570, HAN Q4/2			
CO	connector			
M1	2 socket			
M1	2 socket			
M1	2 socket			
M ¹	2 socket			
M1	M12 socket			
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		Profibus		
		Pitinus		
		FIGHDUS		
		Pionous		
		Providus		
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r	Ind UL 600	No No Plug according to ISO 23570 connector M12 socket M12 socket M13 socket	No No No No Plug according to ISO 23570, HAN Q4/2 connector M12 socket M12 so	







last modified:

8/9/2023 🖸