## SIEMENS

## Data sheet

## 3RK1395-6LS71-3AD5



SIRIUS motor starter M200D Technology module Reversing starter Electronic switching AC-3, 5.5 kW / 400 V 1.5 A...12.00 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 M200D			
product type designation product function				
•	Yes			
on-site operation				
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			
type of assignment	1			
certificate of suitability	CE			
Substance Prohibitance (Date)	07/01/2006			
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 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			
product feature				
<ul> <li>brake control with 230 V AC</li> </ul>	No			
<ul> <li>brake control with 400 V AC</li> </ul>	No			
<ul> <li>brake control with 24 V DC</li> </ul>	No			
<ul> <li>brake control with 180 V DC</li> </ul>	Yes			
<ul> <li>brake control with 500 V DC</li> </ul>	No			
product extension braking module for brake control	No			
product function short circuit protection	Yes			
design of short-circuit protection	circuit-breakers			
maximum short-circuit current breaking capacity (Icu)				
• at 400 V rated value	50 000 A			
• at 500 V rated value	20 000 A			
EMC emitted interference according to IEC 60947-1	CISPR11, ambience A (group 2)			
EMC emitted interference according to IEC 60947-1 EMC immunity according to IEC 60947-1	CISPR11, ambience A (group 2) corresponds to degree of severity 3, ambience A (industrial sector)			

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
<ul> <li>due to conductor-conductor surge according to IEC 61000-4-5</li> </ul>	1 kV
touch protection against electrical shock	finger-safe
Main circuit	
number of poles for main current circuit	3
design of the switching contact	solid-state / thyristor / 2 phases
adjustable current response value current of the current-	1.5 12 A
dependent overload release	
type of the motor protection	full motor protection
operating voltage rated value	200 440 V
operational current	
<ul> <li>at AC at 400 V rated value</li> </ul>	12 A
<ul> <li>at AC-3 at 400 V rated value</li> </ul>	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	4
number of digital outputs	2
Supply voltage	
type of voltage of the supply voltage	DC
Control circuit/ Control	
Control circuit/ Control type of voltage of the control supply voltage	DC
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC
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
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC	DC
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	DC 20.4 28.8 V 20.4 28.8 V
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	DC 20.4 28.8 V 20.4 28.8 V 100 mA
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
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal
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 OFF-delay time mounting position • recommended fastening method	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm
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         • new compose times         ON-delay time         mounting position         • recommended         fastening method         height         width	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
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 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
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         • recommended         fastening method         height <t< td=""><td>DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm</td></t<>	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm
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 tate ON         • ofF-delay time         mounting position         • recommended         fastening method         height         width         depth         Ambient conditions         installation altitude at height above sea level maximum	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm
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 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m
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         • new rows 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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m -25 +55 °C
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         • necommended         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 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m -25 +55 °C -40 +70 °C
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         • 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         • during storage         • during transport         relative humidity during operation	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2000 m -25 +55 °C -40 +70 °C
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         • necommended         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 2.7936 W 9.216 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2000 m -25 +55 °C -40 +70 °C

<ul> <li>PROFINET protocol</li> </ul>		No				
design of the interface						
AS-Interface protocol	No					
<ul> <li>PROFINET protocol</li> </ul>	No					
PROFIBUS DP protocol		No				
product function bus communication		Yes				
protocol is supported AS-Interface protocol		No				
product function control circuit interface with IO link		No				
type of electrical connection						
<ul> <li>for main current circuit</li> </ul>		plug according to Is	SO 23570, HAN	N Q4/2		
<ul> <li>for auxiliary and control circuit</li> </ul>		connector				
type of electrical connection						
1 for digital input signals		M12 socket				
<ul> <li>1 for digital output signals</li> </ul>	M12 socket					
<ul> <li>2 for digital input signals</li> </ul>	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 value	r at 480 V rated	11 A				
yielded mechanical performance [hp]						
<ul> <li>for 3-phase AC motor</li> </ul>						
— 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 rated value	to CSA and UL	480 V				
Certificates/ approvals						
General Product Approval					EMC	
Confirmation			þ	EHC		
Declaration of Conformity	Test Certificat	es other				
CE UK	<u>Type Test Ce</u> ates/Test Re		nation	00000		
EG-Konf.				Profibus		
urther information						
Siemens has decided to exit the Russian https://press.siemens.com/global/en/pressre		own-russian-business				
Siemens is working on the renewal of the Please contact your local Siemens office on EAC relevant market (other than the sanctic Information on the packaging	e current EAC certific the status of validity of	ates. f the EAC certification	if you intend to	import or offer to su	pply these products to ar	
https://support.industry.siemens.com/cs/ww	/on/viow/100912975					
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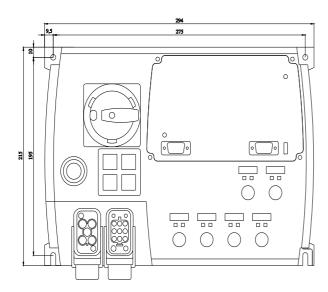
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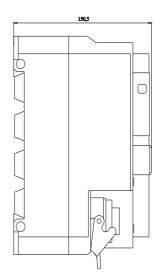
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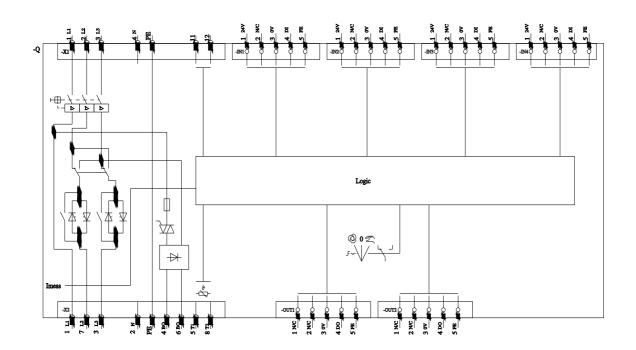
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