SIEMENS

Data sheet

3RK1395-6KS71-1AD0



SIRIUS motor starter M200D Technology module Reversing starter Electronic switching AC-3, 0.75KW / 400 V 0.15 A...2.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC without brake contact 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	reversing 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
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 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
product function	
direct start	No
reverse starting	Yes
product component motor brake output	No
product feature	
 brake control with 230 V AC 	No
 brake control with 400 V AC 	No
 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
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 immunity according to IEC 60947-1	corresponds to degree of severity 3, ambience A (industrial sector)
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	solid-state / thyristor / 2 phases		
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			
• 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		
supply voltage 1 at DC Control circuit/ Control	24 V		
	24 V DC		
Control circuit/ Control			
Control circuit/ Control type of voltage of the control supply voltage	DC 20.4 28.8 V		
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 • at DC control current at DC	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 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	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 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 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 600 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 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 600 mA 2.7936 W		
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 600 mA 2.7936 W 7.92 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 600 mA 2.7936 W 7.92 W 25 ms 35 ms		
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 • ON-delay time OFF-delay time mounting position	DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 W 25 ms 35 ms vertical, horizontal, flat		
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 • of FF-delay time ON-delay time OFF-delay time mounting position • recommended	DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 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 mounting position • recommended fastening method	DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 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 • 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 • in standby time ON-delay time mounting position • recommended fastening method height <td>DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm</td>	DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 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 ON with bypase circuit • in state of the control circuit • in switching state ON with bypase circuit • in switching state ON with bypase circuit • in switching state ON circuit	DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 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 • in switching state ON 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 600 mA 2.7936 W 7.92 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 ON with bypass circuit Response times ON-delay time OFF-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 600 mA 2.7936 W 7.92 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 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 600 mA 2.7936 W 7.92 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 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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 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 state ON with bypass circuit • nounting 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 600 mA 2.7936 W 7.92 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 • 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 600 mA 2.7936 W 7.92 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 • in switching state ON with bypass circuit • new 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 600 mA 2.7936 W 7.92 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 -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 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 Power loss [W] in auxiliary and control circuit • in switching state ON with bypass circuit • new interme 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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 600 mA 2.7936 W 7.92 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 • in switching state ON with bypass circuit • new 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 600 mA 2.7936 W 7.92 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 -40 +70 °C		

 PROFINET proto 	ocol		No				
design of the interface	9						
 AS-Interface prot 	tocol		No				
 PROFINET proto 	ocol		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 conr	nection						
for main current circuit		plug according to ISO 23570, HAN Q4/2					
 for auxiliary and 	 for auxiliary and control circuit 		connector				
type of electrical conr	nection						
• 1 for digital input signals			M12 socket				
 1 for digital output signals 		M12	M12 socket				
 2 for digital input 	• 2 for digital input signals		M12	M12 socket			
 3 for digital input 	• 3 for digital input signals		M12 socket				
 4 for digital input 	4 for digital input signals		M12 socket				
full-load current (FLA) for value	full-load current (FLA) for 3-phase AC motor at 480 V rated value		1.6 A				
yielded mechanical pe	erformance [hp]						
• for 3-phase AC motor							
– at 460/480 V rated value		0.7 hp					
operating voltage at AC at 60 Hz according to CSA and UL rated value		480 V					
Certificates/ approvals							
General Product App	roval					EMC	
A	Confirmation					•	
(SP		())	(\u)	FHI		
CSA		ccc		UL		RCM	
Declaration of Confor	mity	Test Certificat	es	other		Dangerous Good	
		Type Test Cer	rtific-	Confirmation		Transport Information	
UK	(6	ates/Test Re			08060	<u>manaport iniormation</u>	
СH	EG-Konf.				Profibus		

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=3RK1395-6KS71-1AD0

Cax online generator

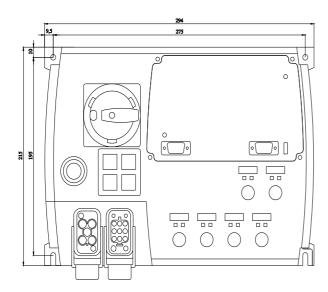
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1395-6KS71-1AD0

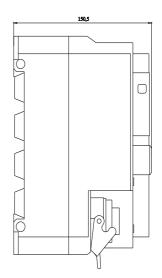
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

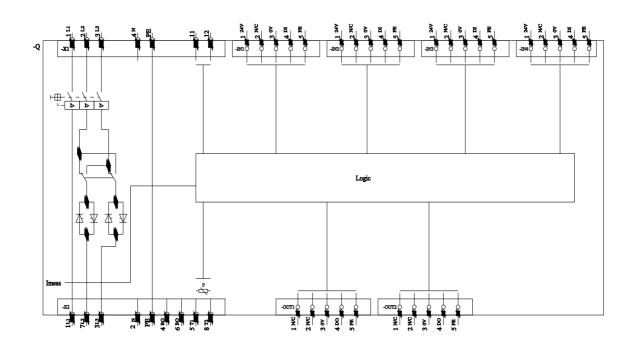
https://support.industry.siemens.com/cs/ww/en/ps/3RK1395-6KS71-1AD0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1395-6KS71-1AD0&lang=en







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