SIEMENS

6

0:0

Data sheet

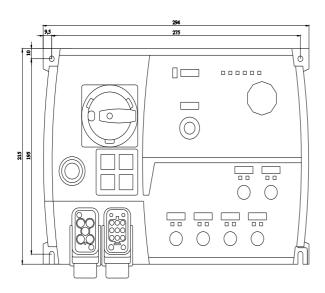
3RK1315-6LS41-2AA5

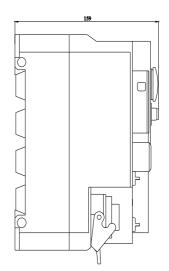
SIRIUS motor starter M200D AS-i Communication: AS-Interface DOL starter Basic Mechanical switching AC-3, 5.5 kW / 400 V 1.5 A...12.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC with brake contact 180 V DC 2DI AS-i + 2DI / 1DO on device Han Q4/2 - Han Q8/0 with manual on-site operation and key-operated switch

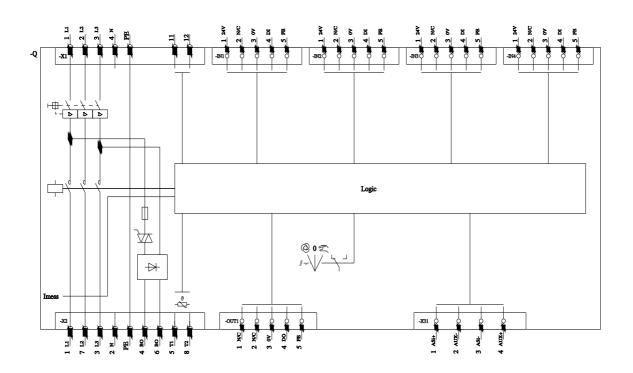
product brand name	SIRIUS
product designation	Motor starters
design of the product	direct starter
product type designation	M200D
trip class	CLASS 10
product function	
 on-site operation 	Yes
 control circuit interface to parallel wiring 	No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance rated value	6 000 V
maximum permissible voltage for safe isolation	
 between main and auxiliary circuit 	400 V
 between control and auxiliary circuit 	24 V
protection class IP	IP65
shock resistance	12g / 11 ms
vibration resistance	7 mm / 2g
mechanical service life (operating cycles) of the main contacts typical	10 000 000
type of assignment	1
certificate of suitability	CE
Substance Prohibitance (Date)	07/01/2006
product function	
 direct start 	Yes
 reverse starting 	No
product component motor brake output	Yes
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 	Yes
 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 (lcu)	
 at 400 V rated value 	50 000 A
 at 500 V rated value 	50 000 A
EMC emitted interference according to IEC 60947-1	CISPR11, ambience A (industrial sector)
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	electromechanical
adjustable current response value current of the	1.5 12 A
current-dependent overload release	
type of the motor protection	full motor protection 200 440 V
operating voltage rated value operational current	200 440 V
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
product function	
 digital inputs parameterizable 	No
 digital outputs parameterizable 	No
number of digital inputs	4
number of sockets	
for digital output signals	1
 for digital input signals 	4
number of digital outputs	1
Supply voltage	
type of voltage of the supply voltage	DC
supply voltage 1 at DC	24 V 20 V
 supply voltage 1 at DC rated value minimum permissible 	30 V 26.5 V
minimum permissible maximum permissible	20.5 V 31.6 V
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	20.4 28.8 V
control supply voltage 1	
at DC rated value	24 V
• at DC rated value	20.4 28.8 V
• at DC	20.4 28.8 V
control current at DC	
 in standby mode of operation 	0.1 A
during operation	0.6 A
power loss [W] in auxiliary and control circuit	
 in switching state OFF with bypass circuit 	2.0736 W
in switching state ON with bypass circuit	4.1184 W
Response times	05 mg
ON-delay time	85 ms 65 ms
OFF-delay time mounting position	vertical, horizontal, flat
recommended	horizontal
fastening method	screw fixing
height	215 mm
width	294 mm
depth	159 mm
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-25 +55 °C
 during storage 	-40 +70 °C
 during transport 	-40 +70 °C
relative humidity during operation	10 95 %
protocol is supported	

PROFIBUS DP protocol	No			
PROFINET protocol	No			
design of the interface	INU			
AS-Interface protocol	Yes			
PROFINET protocol	No			
PROFIBUS DP protocol	No			
product function bus communication	Yes			
protocol is supported AS-Interface protocol	Yes			
product function control circuit interface with IO link	No			
type of electrical connection of the communication	M12 plug			
interface	Mitz plug			
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			
type of electrical connection				
 at the manufacturer-specific device interface 	optical interface			
for device addressing	M12 plug			
 for supply voltage line-side 	M12 plug			
full-load current (FLA) for 3-phase AC motor at 480 V	11 A			
rated value				
yielded mechanical performance [hp]				
 for 3-phase AC motor 				
— at 220/230 V rated value	3 hp			
— at 460/480 V rated value	7.5 hp			
— at 575/600 V rated value	10 hp			
operating voltage at AC at 60 Hz according to CSA and	600 V			
	600 V			
UL rated value	800 V			
	600 V	_		
UL rated value	600 V		EMC	
UL rated value Certificates/ approvals General Product Approval		-	EMC	
UL rated value Certificates/ approvals		rnr	EMC	
UL rated value Certificates/ approvals General Product Approval		FAC	ЕМС	
UL rated value Certificates/ approvals General Product Approval		EAC	EMC EMC	
UL rated value Certificates/ approvals General Product Approval Confirmation Confir		EAC	Ô	
UL rated value Certificates/ approvals General Product Approval Confirmation Confir		EAC	Ô	
UL rated value Certificates/ approvals General Product Approval Confirmation Confir		EAC	Ô	
UL rated value Certificates/ approvals General Product Approval Confirmation Confir	on UL	EAC	Ô	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity	on UL ates other	EAC	RCM	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity	on UL ates other	ERC	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Image: Confirmation of C	on UL ates other	ERE <u>Confirmation</u>	RCM Dangerous Good	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity	on UL ates other	ERC	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Image: Confirmation of Conformity <td>on Line other ates other ates</td> <th>Confirmation</th> <td>Dangerous Good Transport Informa-</td>	on Line other ates other ates	Confirmation	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Image: Confirmation of Conformity <td>on Line other ates other ates</td> <th>Confirmation</th> <td>Dangerous Good</td>	on Line other ates other ates	Confirmation	Dangerous Good	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Image: Confirmation of Conformity <td>on Line other ates other ates</td> <th>Confirmation</th> <td>Dangerous Good</td>	on Line other ates other ates	Confirmation	Dangerous Good	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Image: Confirmation of Conformity <td>on Line other ates other ates</td> <th>ERC</th> <td>Dangerous Good Transport Informa-</td>	on Line other ates other ates	ERC	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation Declaration of Conformity Test Certification Type Test Certification Turther information Information on the packaging	on tion ates other ertific- eport Asi	EAC	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Type Test Certificates/ Type Test Certificates/Test Rest Further information Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813ta	on ates other ertific- eport Asi 875	ERC	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Type Test Certificates/ Type Test Certificates/Test Rest Further information Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/10981332 Information- and Downloadcenter (Catalogs, Brochures, B	on ates other ertific- eport Asi 875	Confirmation	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certificates/ action of Conformity Type Test Certificates/ action of Conformity Image: Confirmation of Conformity Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098133 Information- and Downloadcenter (Catalogs, Brochures, https://www.siemens.com/ic10	on ates other ertific- eport Asi 875	Confirmation	Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certificates/ exerct certificates/ e	on Image: Constraint of the constraint		Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Test Certification Image: Confirmation of Conformity Test Certification Image: Confirmation of Conformity Image: Confirmation of Conformity Image: Confirmation of Conformity Image: Confirmation of Conformity Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 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	on Image: Constraint of the constraint		Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certificates/ example Image: Confirmation of Conformity Test Certificates/ example Image: Confirmation of Conformity Test Certificates/ example Image: Confirmation of Conformity Type Test Certificates/Test Reserve Image: Confirmation of the packaging https://support.industry.siemens.com/cs/ww/en/view/1098133 Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098133 Information- and Downloadcenter (Catalogs, Brochures, https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/productes/test reserves/test	On Omega ates other ates other </td <th></th> <td>Dangerous Good Transport Informa-</td>		Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certification Image: Confirmation of Conformity Test Certification Image: Confirmation of Conformity Test Certification Image: Confirmation of Conformity Image: Confirmation of Conformity Image: Confirmation of Conformity Image: Confirmation of Conformity Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 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	on Omega ates other ates other </td <th></th> <td>Dangerous Good Transport Informa-</td>		Dangerous Good Transport Informa-	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certificates/ approval Image: Confirmation of Conformity Test Certificates/ approval Image: Confirmation of Conformity Test Certificates/ approval Image: Confirmation of Conformity Type Test Certificates/Test Reference Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 Information - and Downloadcenter (Catalogs, Brochures, https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/produc Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3RK1315-	on Omega ates other ates other </td <th>2AA5 RK1315-6LS41-2AA5</th> <td>Dangerous Good Transport Information</td>	2AA5 RK1315-6LS41-2AA5	Dangerous Good Transport Information	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certificates/ approval Image: Confirmation of Conformity Test Certificates/ approval Image: Confirmation of Conformity Test Certificates/ approval Image: Confirmation of Conformity Type Test Certificates/Test Reserver Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 Information - and Downloadcenter (Catalogs, Brochures, https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/produc Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3RK1315- Image database (product images, 2D dimension drawing	OIN OUN ates other ates other <th>2AA5 RK1315-6LS41-2AA5 rcuit diagrams, EPLAN</th> <td>Dangerous Good Transport Information</td>	2AA5 RK1315-6LS41-2AA5 rcuit diagrams, EPLAN	Dangerous Good Transport Information	
UL rated value Certificates/ approvals General Product Approval Image: Confirmation of Conformity Declaration of Conformity Test Certificates/ approval Image: Confirmation of Conformity Test Certificates/ approval Image: Confirmation of Conformity Test Certificates/ approval Image: Confirmation of Conformity Type Test Certificates/Test Reference Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/1098134 Information - and Downloadcenter (Catalogs, Brochures, https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/produc Cax online generator http://support.automation.siemens.com/WW/CAXorder/defau Service&Support (Manuals, Certificates, Characteristics, https://support.industry.siemens.com/cs/ww/en/ps/3RK1315-	OIN OUN ates other ates other <th>2AA5 RK1315-6LS41-2AA5 rcuit diagrams, EPLAN</th> <td>Dangerous Good Transport Information</td>	2AA5 RK1315-6LS41-2AA5 rcuit diagrams, EPLAN	Dangerous Good Transport Information	







last modified:

12/21/2021 🖸

2/21/2023