## SIEMENS

## Data sheet

## 3RK1395-6LS41-1AD5

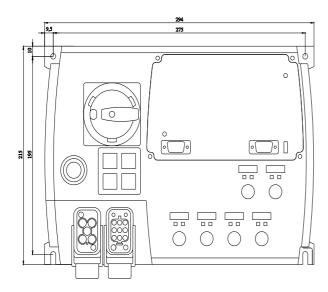


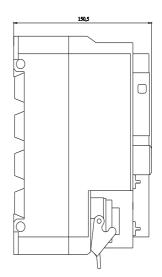
SIRIUS motor starter M200D Technology module Reversing starter Mechanical switching AC-3, 5.5 kW / 400 V 1.5 A...12.00 A Electronic overload protection Thermistor: THERMOCLICK / PTC with brake contact 180 V DC 4 DI / 2 DO Han Q4/2 - Han Q8/0 via communication module 3RK1305\* can be used on PROFIBUS or PROFINET

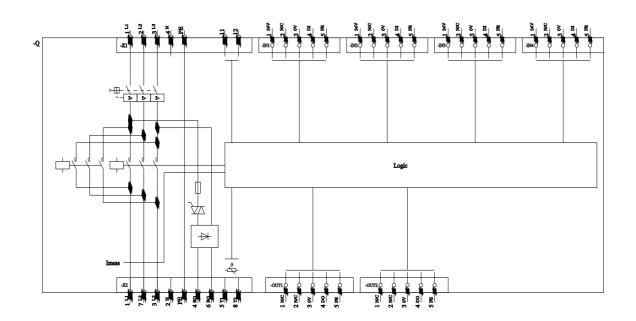
product or singlesation         SHRUS           design of the product         reversing starters           design of the product         reversing starter           product displantion         Motor starters           on site operation         No           • on-site operation         Starters           • ontrot direcuit interface to paralle wiring         Starters           • between entities and auxiliary circuit         400 V           • between control and auxiliary circuit         400 V           • between control and auxiliary circuit         400 V           • between control and auxiliary circuit         1000 000           • product function         1           • certificate of starters         1           • product function         1           • if each start         No           • reverse starting         Yes           product function         Stare control wi		
design of the product product type designation         reversing starter           product type designation         M200D           product turction         No           • on-site operation         No           • on-site operation         S00 V           degree of politution         3           surge voltage reted value         G00 V           maximum permissible voltage for protective separation         400 V           • between main and auxiliary circuit         24 V           • between control and auxiliary circuit         24 V           • protection class IP         10000 000           shock resistance         12g / 11 ms           mechanical service life (operating cycles) of the main contacts         10000 000           typical         07/01/2006           Substance Prohibitance (Date)         07/01/2006           Substance Prohibitance (Date)         7/01/2006           substance norme         Biel - 7/439-82.1           Bielemonzuki (Bieloxid) - 1317-36.8         22,66°-1etrabrom-4,4'-lsoptropylidendi - 79-94.7           product function         Yes           • orisek control with 200 VAC         No           • brake control with 200 VAC         No           • brake control with 200 VAC         No           • brake control wi	product brand name	SIRIUS
product type designationM200Dproduct function• on-site operationNo• control circuit interface to parallel wiringNoinsulation voltage rated value5000 Vdegree of pollution3surge voltage resistance rated value6000 Vmaximum permissible voltage for protective separation• between control and auxiliary circuit24 Vprotection class IPIP65shock resistance10 000 000mechanical service life (operating cycles) of the main contacts10 000 000type of assignment1certificate of suitabilityCESubstance Prohibitance (Dato)70/1/2006SVHC substance nameBiel 7438-92-1eidered startNo• reverse startingYesproduct functionYes• reverse startingYesproduct functionYes• brake control with 200 VACNo• brake control with 200 VDCNo• brake control with 200 VACNo• brake control with 2		
Product function         No           • 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         6000 V           • between main and auxiliary circuit         400 V           • between control and auxiliary circuit         24 V           • protection class IP         10000 000           stock resistance         12g / 11 ms           mechanical service life (operating cycles) of the main contacts         10000 000           typical         07/01/2006           SVHC substance Prohibitance (Date)         07/01/2006           SVHC substance Interton         2,2,6,6,1 retrabrom 4,4-isopropyldendi - 79-94-7           ordirect start         No           • circet set satting         Yes           product function         Yes           • brake control with 230 V AC         No           • brake control with 23	design of the product	
• on-site operationNo• control circuit interface to parallel wiringNoInsulation voltage rated value500 Vdegree of pollution3surge voltage resistance rated value6000 Vmaximum permissible voltage for protective separation-• between nain and auxiliary circuit400 V• between control and auxiliary circuit24 Vprotection class IP1965shock resistance12g / 11 msmechanical service life (operating cycles) of the main contacts10 000 000type of auxiliary circuitCESubstance Prohibitance (Date)7070/1/2006SVHC substance nameBile -7439-92-1 Belemonoxid (Bleioxid) - 1317-36-8 2.2.6.6'-Tetrabrowid et auxiliary circuit• direct startNo• direct startYes• direct startNo• brake control with 200 VACNo• brake control with 100 VACNo• brake control with 100 VACNo• brake control with 200 VACNo• brake control with 100 VACNo• brake control with 100 VACNo• brake control with 100 VACNo<	product type designation	M200D
• control circuit interface to parallel wiringNoinsulation voltage rated value500 Vdegree of pollution3surge voltage resistance rated value6000 Vmaximum permissible voltage for protective separation•• between main and auxiliary circuit24 V• between control and auxiliary circuit24 Vprotection class IPIP65shock resistance12g / 11 msmechanical service life (operating cycles) of the main contrads10 000 000type of assignment1certificat of suitabilityCESubstance Prohibitance (Date)07/01/2006SVHC substance nameBilei -7439-92:1bilei refasi attNo• reverse startingYesproduct functionYes• reverse startingYesproduct featureNo• brake control with 200 VACNo• brake control with 200 VACNo• brake control with 400 VACNo• brake control with 100 VDCYes• brake control with 100 VDCYes	product function	
Insulation voltage rated value         500 V           degree of pollution         3           surge voltage resistance rated value         6000 V           maximum permissible voltage for protective separation         400 V           • 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         10 000 000           typical         1           certificate of suitability         CE           Substance Prohibitance (Date)         0701/1206           SVHC substance name         Bile: 7439 42.1           Bile: 7439 42.1         Bile: 7439 42.1           Bile: rotage         Yes           product function         Yes           • direct start         No           • reverse starting         Yes           product component motor brake output         Yes           • brake control with 200 V AC         No           • brake control with 420 V AC         No           • brake control with 420 V AC         No           • brake control with 500 V DC         Yes           • brake control with 420	<ul> <li>on-site operation</li> </ul>	No
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 nain and auxiliary circuit         24 V           protection class IP         IP65           shock resistance         12g / 11 ms           mechanical service life (operating cycles) of the main contacts         10000 000           type of assignment         1           certificate of suitability         CE           Substance Prohibitance (Date)         07/01/2006           SVHC substance name         Blei r7439-92.1           Blei r439-92.1         Blei r6000000000000000000000000000000000000	<ul> <li>control circuit interface to parallel wiring</li> </ul>	No
surge voltage resistance rated value 6 000 V maximum permissible voltage for protective separation • between main and auxiliary circuit • between control with 200 Context and the product function • brake control with 200 VAC • brake co	insulation voltage rated value	500 V
maximum permissible voltage for protective separation         400 V           • 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           typical         1           certificate of suitability         CE           Substance Prohibitance (Date)         07/01/2006           SVHC substance name         Biel -7439-92-1           Bleinonoxid (Bleixxid) - 1317-36-8         2,2/,6,6-Tetharborn-4,4-isopropylidendi - 79-94-7           ordirect start         No           • reverse starting         Yes           product function         -           • reverse starting         Yes           product feature         -           • brake control with 200 V AC         No           • brake control with 200 V AC         No           • brake control with 800 V DC         No <t< td=""><td>degree of pollution</td><td>3</td></t<>	degree of pollution	3
• between main and auxiliary circuit400 V• between control and auxiliary circuit24 V• protection class IPIP66• Bock resistance12g /11 msmechanical service life (operating cycles) of the main contacts typical10 000 000• type of assignment0certificate of suitabilityCESubstance Prohibitance (Date)07/01/2006SVHC substance nameBiel - 743.99.2-1 Bielmonoxid (Bieloxid) - 1317-36.8 - 2216,61-Tetrabrom-4,4-isopropylidendi - 79-94-7product functionVes• orieres startingYes• product fustorNo• brake control with 230 VACNo• brake control with 230 VACNo• brake control with 200 VACNo• brake contr	surge voltage resistance rated value	6 000 V
• between control and auxiliary circuit24 Vprotection class IPIF65shock resistance12g / 11 msmechanical service life (operating cycles) of the main contacts typical10 000 000type of assignment1certificate of suitabilityCESubstance Prohibitance (Date)07/01/2006SVHC substance nameBiei - 7439-92-1 Bleimonoxid (Bieloxid) - 1317-36-8 22-16-1ertabrom-4,4-isopropylidendi - 79-94-7product function-• direct startNo• reverse startingYesproduct featureVes• brake control with 230 V ACNo• brake control with 230 V ACNo• brake control with 200 V ACNo• brake control with 200 V ACNo• brake control with 800 V DCYes• brake control with 800 V DCNo• brake control with 800 V DCSo• brake control with 800 V	maximum permissible voltage for protective separation	
protection class IP         IP65           shock resistance         12g / 11 ms           mechanical service life (operating cycles) of the main contacts typical         10 000 000           typical         10 000 000           type of assignment         1           certificate of suitability         CE           Substance Prohibitance (Date)         07/01/2006           SVHC substance name         Biel - 7439-92-1           Bleironoxid (Bleioxid) - 1317-36-8         2,2/6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7           product function         -           • direct start         No           • reverse starting         Yes           product component motor brake output         Yes           • brake control with 230 V AC         No           • brake control with 300 V DC         Yes           • brake control with 180 V DC         Yes <td< td=""><td><ul> <li>between main and auxiliary circuit</li> </ul></td><td>400 V</td></td<>	<ul> <li>between main and auxiliary circuit</li> </ul>	400 V
shock resistance12g / 11 msmechanical service life (operating cycles) of the main contacts typical10 000 000type of assignment1certificate of suitabilityCESubstance Prohibitance (Date)07/01/2006SVHC substance nameBlei -7439-92-1 Bleimonovid (Bleioxid) - 1317-36-8 2,2'6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7product functionyese direct startNoofferct startYesproduct component motor brake outputYesproduct functionYese brake control with 230 V ACNobrake control with 200 V ACNoo brake control with 200 V DCNoo brake control with 200 V DCNoo brake control with 200 V DCNoproduct function sport circuit protectionYesobsort circuit protectionYesmaximum short-circuit protection50 000 Ae at 400 V rated value50 000 Ae at 500 V rated value50 000 Ae at 500 V rated valueSi 000 Ae at 500 V rated value50 000 Ae at 500 V	<ul> <li>between control and auxiliary circuit</li> </ul>	24 V
mechanical service life (operating cycles) of the main contacts typical         10 000 00           type of assignment         1           certificate of suitability         CE           Substance Prohibitance (Date)         07/01/2006           SVHC substance name         Biei - 7439-92-1 Bieimonoxid (Bieloxid) - 1317-36-8 2;2;6;6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7           product function         -           • direct start         No           • reverse starting         Yes           product function vith 230 V AC         No           • brake control with 230 V AC         No           • brake control with 240 V DC         No           • brake control with 240 V DC         No           • brake control with 180 V DC         Yes           • brake control with 200 V DC         No           • brake control with 200 V DC	protection class IP	IP65
typical         Image: control with 30 V AC         Image: control with 30 V AC           ordict feature         No         Ves           product feature         Ves         No           product feature         Ves         Ves           objasta control with 30 V AC         No         No           objasta control with 400 V AC         No         No           objasta control with 400 V AC         No         No           objasta control with 180 V DC         Yes         No           objasta control with 500 V DC         No         No           objasta control with 500 V DC         No         No           objasta control with 500 V DC         No         No           product function short circuit protection         Yes         Yes           objasta control with 500 V DC         No         No         No           product function short circuit protection         Yes         Yes           objasta control with 500 V DC         Si 0000 A         Si 000 A	shock resistance	12g / 11 ms
CESubstance Prohibitance (Date)07/01/2006SVHC substance nameBiei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2.2' (-, 6'-Tetrabrom-4, 4'-isopropylidendi - 79-94-7product function-• direct startNo• direct startYesproduct component motor brake outputYesproduct fautre-• brake control with 230 V ACNo• brake control with 230 V ACNo• brake control with 240 V ACNo• brake control with 200 V ACNo• brake control with 180 V DCYes• brake control with 500 V DCNo• brake control with 500 V DCNoproduct function short circuit protectionYes• brake control with 500 V DCSo• brake control with 500		10 000 000
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 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 24 V DC         No           • brake control with 800 V AC         No           • brake control with 900 V AC         No           • brake control with 400 V AC         No           • brake control with 900 V DC         No           product extension braking module for brake control         No           product function short circuit protection         Gres           design of short-circuit protection         circuit-breakers           maximum short-circuit protection         50 000 A           • at 400 V rated value	type of assignment	1
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 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 80 V DC       Yes         • brake control with 80 V DC       Yes         • brake control with 90 V AC       No         • brake control with 90 V DC       No         • brake control with 90 V DC       Yes         • brake control with 900 V DC       No         product function short circuit protection       circuit-breakers         maximum short-circuit protection       circuit-breakers         maximum short-circuit protection       50 000 A         • at 400 V rated value       50 000 A         • at 500 V rated value       50 000 A         EMC emitted interference according to IEC 6094	certificate of suitability	CE
Bleimonoxid (Bleioxid) - 1317-36-8           product function         Z.2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7           eiter start         No           eiter start         No           ereverse starting         Yes           product component motor brake output         Yes           product feature         Vo           e brake control with 230 V AC         No           o brake control with 230 V AC         No           o brake control with 200 V AC         No           o brake control with 180 V DC         No           o brake control with 180 V DC         No           o brake control with 500 V DC         No           product function short circuit protection         No           o circuit-breakers         Circuit-breakers           design of short-circuit protection         So 000 A           e at 400 V rated value         S0 000 A           e at 500 V rated value         S0 000 A           e at 500 V rated value         S0 000 A	Substance Prohibitance (Date)	07/01/2006
edirect startNoreverse startingYesproduct component motor brake outputYesproduct featureVesbrake control with 230 V ACNobrake control with 400 V ACNobrake control with 400 V ACNobrake control with 24 V DCNobrake control with 80 V DCYesbrake control with 80 V DCYesbrake control with 80 V DCNobrake control with 90 V DCNoproduct extension braking module for brake controlNoproduct function short circuit protectionYesdesign of short-circuit current breaking capacity (Icu)Yes• at 400 V rated value50 000 A• at 500 V rated value50 000 AEMC emitted interference according to IEC 60947-1CISPR11, ambience A (industrial sector)	SVHC substance name	
• reverse startingYesproduct component motor brake outputYesproduct feature• brake control with 230 V ACNo• brake control with 400 V ACNo• brake control with 400 V ACNo• brake control with 24 V DCNo• brake control with 180 V DCYes• brake control with 180 V DCNo• brake control with 180 V DCNo• brake control with 180 V DCYes• brake control with 180 V DCNo• brake control with 180 V DCSo 000 A• at 400 V rated valueSo 000 A• at 500 V rated valueSo 000 A• brake control with 180 V DC Control to UEC 60947-1CISPR11, ambience A (industrial sector)		
Product component motor brake outputYesproduct featureYes• brake control with 230 V ACNo• brake control with 400 V ACNo• brake control with 400 V ACNo• brake control with 24 V DCNo• brake control with 180 V DCYes• brake control with 500 V DCNo• brake control with 500 V DCSo 000 A• at 400 V rated value50 000 A• at 400 V rated value50 000 A• at 500 V rated value50 000 A• at 500 V rated value50 000 A• at 500 V rated valueSo 000 A• at 500 V rated valueCISPR11, ambience A (industrial sector)	product function	
product featureProduct feature• brake control with 230 V ACNo• brake control with 230 V ACNo• brake control with 400 V ACNo• brake control with 400 V ACNo• brake control with 24 V DCNo• brake control with 180 V DCYes• brake control with 500 V DCNo• brake control with 500 V DCSo 000 A• at 400 V rated value50 000 A• at 500 V rated value50 000 A• at 500 V rated valueCISPR11, ambience A (industrial sector)	•	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7
• brake control with 230 V ACNo• brake control with 400 V ACNo• brake control with 400 V ACNo• brake control with 24 V DCNo• brake control with 180 V DCYes• brake control with 500 V DCNo• brake control with 500 V DCSo 000 A• at 400 V rated value50 000 A• at 500 V rated valueSo 000 A• at 500 V r	direct start	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No
• brake control with 400 V ACNo• brake control with 24 V DCNo• brake control with 180 V DCYes• brake control with 500 V DCNo• product extension braking module for brake controlNoproduct function short circuit protectionYes• design of short-circuit protectionYes• at 400 V rated value50 000 A• at 500 V rated value50 000 A• EMC emitted interference according to IEC 60947-1CISPR11, ambience A (industrial sector)	• direct start     • reverse starting	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes
• brake control with 24 V DCNo• brake control with 180 V DCYes• brake control with 500 V DCNoproduct extension braking module for brake controlNoproduct function short circuit protectionYesdesign of short-circuit protectionYesmaximum short-circuit current breaking capacity (Icu)• at 400 V rated value50 000 A• at 500 V rated value50 000 A• EMC emitted interference according to IEC 60947-1CISPR11, ambience A (industrial sector)	o direct start     o reverse starting product component motor brake output	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes
• brake control with 180 V DCYes• brake control with 500 V DCNoproduct extension braking module for brake controlNoproduct function short circuit protectionYesdesign of short-circuit protectioncircuit-breakersmaximum short-circuit current breaking capacity (Icu)• at 400 V rated value50 000 A• at 500 V rated value50 000 A• EMC emitted interference according to IEC 60947-1CISPR11, ambience A (industrial sector)	• direct start     • reverse starting product component motor brake output product feature	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes
• brake control with 500 V DCNoproduct extension braking module for brake controlNoproduct function short circuit protectionYesdesign of short-circuit protectioncircuit-breakersmaximum short-circuit current breaking capacity (Icu)50 000 A• at 400 V rated value50 000 A• at 500 V rated valueS0 000 A• EMC emitted interference according to IEC 60947-1CISPR11, ambience A (industrial sector)	• direct start     • reverse starting  product component motor brake output  product feature  • brake control with 230 V AC	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes 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)       50 000 A         • 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)	• direct start     • reverse starting  product component motor brake output  product feature      • brake control with 230 V AC      • brake control with 400 V AC	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No
product function short circuit protection       Yes         design of short-circuit protection       circuit-breakers         maximum short-circuit current breaking capacity (Icu)       50 000 A         • 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)	• 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	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No No
design of short-circuit protection       circuit-breakers         maximum short-circuit current breaking capacity (Icu)	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	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No No Yes
maximum short-circuit current breaking capacity (Icu)       50 000 A         • 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)	• 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	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No Yes No
• 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)	e direct start     e 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	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No Yes No No
• at 500 V rated value     50 000 A       EMC emitted interference according to IEC 60947-1     CISPR11, ambience A (industrial sector)	• 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	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No No Yes No No Yes
EMC emitted interference according to IEC 60947-1 CISPR11, ambience A (industrial sector)	e direct start     e 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 protection	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No No Yes No No Yes
	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)	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No No Yes No No Yes circuit-breakers
EMC immunity according to IEC 60947-1 corresponds to degree of severity 3, ambience A (industrial sector)	<ul> <li>direct start</li> <li>reverse starting</li> <li>product component motor brake output</li> <li>product feature <ul> <li>brake control with 230 V AC</li> <li>brake control with 400 V AC</li> <li>brake control with 24 V DC</li> <li>brake control with 180 V DC</li> <li>brake control with 500 V DC</li> </ul> </li> <li>product extension braking module for brake control <ul> <li>product function short circuit protection</li> <li>design of short-circuit current breaking capacity (lcu) <ul> <li>at 400 V rated value</li> </ul> </li> </ul></li></ul>	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No No Yes No No Yes Circuit-breakers
	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 400 V AC      brake control with 24 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)      at 400 V rated value      at 500 V rated value	2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 No Yes Yes No No No Yes No No Yes circuit-breakers 50 000 A 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     61000-4-5	1 kV
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	
<ul> <li>at AC at 400 V rated value</li> </ul>	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	
<ul> <li>digital inputs parameterizable</li> </ul>	Yes
digital outputs parameterizable	Yes
number of digital inputs	4
number of sockets	
<ul> <li>for digital output signals</li> </ul>	2
<ul> <li>for digital input signals</li> </ul>	4
number of digital outputs	2
Supply voltage	
Supply voltage type of voltage of the supply voltage	DC
	DC
type of voltage of the supply voltage	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	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	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	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	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	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 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	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	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	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	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	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	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	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	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
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type of voltage of the supply voltage Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 <ul> <li>at DC rated value</li> <li>at DC</li> <li>control current at DC</li> <li>in standby mode of operation</li> <li>during operation</li> </ul> <li>power loss [W] in auxiliary and control circuit         <ul> <li>in switching state OFF with bypass circuit</li> <li>in switching state OFF with bypass circuit</li> <li>in switching state ON with bypass circuit</li> <li>recommended</li> </ul> </li> <li>GFF-delay time         <ul> <li>offf.</li> <li>position</li> <li>recommended</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>depth</li> </ul> </li> <li>Ambient conditions         <ul> <li>installation altitude at height above sea level maximum</li> <li>ambient temperature</li> <li>during operation</li> <li>during storage</li> </ul> </li>	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

<ul> <li>PROFIBUS DP protocol</li> </ul>		No		
		No		
PROFINET protocol		No		
design of the interface		N		
AS-Interface protocol		No		
PROFINET protocol		No		
PROFIBUS DP protocol		No		
product function bus communication		Yes		
protocol is supported AS-Interface protoco		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				
<ul> <li>1 for digital input signals</li> </ul>		M12 socket		
• 1 for digital output signals		M12 socket M12 socket		
<ul> <li>2 for digital input signals</li> </ul>	• 2 for digital input signals			
<ul> <li>3 for digital input signals</li> </ul>		M12 socket		
<ul> <li>4 for digital input signals</li> </ul>		M12 socket		
full-load current (FLA) for 3-phase AC movalue	otor 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		
— at 575/600 V rated value		10 hp		
rated value Certificates/ approvals Conoral Product Approval				_
General Product Approval				EMC
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General Product Approval	Confirmation		EAC	EMC ECM Dangerous Good
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Declaration of Conformity UK EG-Konf.	Test Certificat <u>Type Test Cer</u> <u>ates/Test Re</u> ian market (see here).	es other tific- port Confirmation	haaan	RCM
Image: Constraint of Conformity         Image: Conformity	Test Certificat <u>Type Test Cer</u> <u>ates/Test Re</u> <u>ian market (see here).</u> <u>isrelease/siemens-wind-de</u> <u>the current EAC certifica</u> on the status of validity of	es other tific- cort Confirmation cover-russian-business ates. i the EAC certification if you into	Profibus	Dangerous Good Transport Information
Image: Second system       Image: Second system         Declaration of Conformity       Image: Second system         Image: Second system       Image: Second system         Image: S	Test Certificat <u>Type Test Certificat</u> <u>ates/Test Report</u> <u>ates/Test Report</u> <u>ates/Siemens-wind-detter</u> <u>the current EAC certificat</u> on the status of validity of ctioned EAEU member stat	es other tific- cort Confirmation cover-russian-business ates. i the EAC certification if you into	Profibus	Dangerous Good
Declaration of Conformity Declaration of Conformity UKA CCC Declaration of Conformity CCC Declaration of Conformity CCC Declaration of Conformity CCC CCC Declaration of Conformity CCC CCC CCC Declaration of Conformity CCC CCC CCC CCC CCC CCC CCC C	Test Certificat <u>Type Test Certificat</u> <u>ates/Test Report</u> <u>ates/Test Report</u> <u>ates/See here).</u> <u>asrelease/siemens-wind-dettee testers-wind-dettee testers-wind-dettee testers-wind-dettee testers.</u> <u>asrelease/siemens-wind-dettee testers-wind-dettee testers-wind-dettee testers-wind-dettee testers-wind-dettee testers-wind-dettee testers- <u>asrelease/siemens-wind-dettee testers-wind-dettee testers-wind</u></u>	es other tific- cort Confirmation cover-russian-business ates. i the EAC certification if you into	Profibus	Dangerous Good Transport Information
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