SIEMENS

Data sheet



SIRIUS motor starter M200D Technology module DOL 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 400 V AC 4 DI / 2 DO Han Q4/2 - Han Q8/0 via communication module 3RK1305* can be used on PROFIBUS or PROFINET

Decign of the product Decignation Motor starters	product brand name	SIRIUS
product type designation product function	product designation	Motor starters
product function on-site operation ocontrol circuit interface to parallel wiring insulation voltage rated value degree of pollution surge voltage resistance rated value obetween main and auxiliary circuit obetween main and auxiliary circuit obetween control and auxiliary circuit obetween c	design of the product	direct starter
• on-site operation • control circuit interface to parallel wiring Insulation voltage rated value degree of pollution 3 surge voltage resistance rated value 6 000 V maximum permissible voltage for protective separation • between main and auxiliary circuit • between control and auxiliary circuit • between control and auxiliary circuit 24 V protection class IP IP65 shock resistance 12g 11 ms type of assignment 1 cortificate of suitability CE Substance Prohibitance (Date) SVHC substance name Biel - 7439-92-1 Product function • direct start • circuits start • reverse starting Product component motor brake output Yes product feature • brake control with 230 ∨ AC • brake control with 430 ∨ AC • brake control with 180 ∨ DC • brake control with 180 ∨ DC • brake control with 180 ∨ DC • brake control with 500 ∨ DC product tunction short circuit protection • design of short-circuit protection • at 500 ∨ rated value • at 500 ∨ rated value • at 500 ∨ rated value • Corresponds to degree of severity 3, ambience A (industrial sector)	product type designation	M200D
ocontrol circuit interface to parallel wiring Insulation voltage rated value degree of pollution asurge voltage resistance rated value obetween main and auxiliary circuit obetween control and auxiliary circuit obetween main and auxiliary circuit obetween control and auxiliary circuit obetween control and auxiliary circuit obetween main and auxiliary circuit obetween control and auxiliary circuit obetween main and	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 6000 V between control and auxiliary circuit 400 V between control and auxiliary circuit 400 V protection class IP IP65 shock resistance 12g / 11 ms type of assignment 1 certificate of suitability CE Substance Prohibitance (Date) 707/12006 SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bicloxid) - 1317-36-8 2-Metryl-1(-4-metrylltiophenyl)-2-morpho - 71888-10-5 2,2,6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 product function Yes e direct start Yes r everse starting No product component motor brake output Yes product feature Yes o brake control with 230 V AC Yes o brake control with 400 V AC Yes o brake control with 400 V AC No o brake control with 500 V DC No o brake control with 500 V DC No	• on-site operation	No
degree of pollution 3 surge voltage resistance rated value 6 000 V maximum permissible voltage for protective separation	 control circuit interface to parallel wiring 	No
surge voltage resistance rated value aximum permissible voltage for protective separation between main and auxiliary circuit between control and auxiliary circuit 24 V protection class IP IP65 shock resistance type of assignment CE Substance Prohibitance (Date) O7/01/2006 SVHC substance name Blein-7439-92-1 Blein-7439-92-1	insulation voltage rated value	500 V
maximum permissible voltage for protective separation • between main and auxiliary circuit • between control and auxiliary circuit protection class IP shock resistance 12g / 11 ms type of assignment 1 certificate of suitability CE Substance Prohibitance (Date) SVHC substance Iname Biei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methythiophenyi)-2-morpho - 71868-10-5 2,2,6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 product function • direct start • reverse starting product component motor brake output Yes product feature • brake control with 230 V AC • brake control with 430 V AC • brake control with 400 V AC • brake control with 400 V AC • brake control with 400 V DC • brake control with 500 V DC • brake control with 500 V DC product extension braking module for brake control product function short circuit protection circuit-breakers maximum short-circuit protection eat 400 V rated value • at 500 V rated value (ISPR11, ambience A (group 2) CISPR11, ambience A (industrial sector)	degree of pollution	3
between control and auxiliary circuit between control and auxiliary circuit crotection class IP protection class IP type of assignment 1 certificate of suitability CE Substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methythicphenyl)-2-morpho - 71868-10-5 2,2-6.6-Tetrabrom-4,4-isopropylidendi - 79-94-7 product function olirect start reverses starting No product component motor brake output Yes product feature brake control with 230 V AC brake control with 430 V AC brake control with 440 V AC brake control with 180 V DC brake control with 500 V DC roduct extension braking module for brake control No product function short circuit protection design of short-circuit protection eat 400 V rated value at 400 V rated value at 500 V rated value CISPR11, ambience A (group 2) EMC immunity according to IEC 60947-1 corresponds to degree of severity 3, ambience A (industrial sector)	surge voltage resistance rated value	6 000 V
between control and auxiliary circuit protection class IP shock resistance 12g / 11 ms type of assignment CE Substance Prohibitance (Date) O7/01/2006 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 reverse starting No product component motor brake output reverse starting No product feature brake control with 230 V AC brake control with 400 V AC brake control with 400 V AC brake control with 180 V DC brake control with 500 V DC brake control with 500 V DC Corespondent function short circuit protection product function short circuit protection aximum short-circuit protection e at 500 V rated value at 400 V rated value at 500 V ated value CISPR11, ambience A (group 2) EMC emmunity according to IEC 60947-1 EMC immunity according to IEC 60947-1 EMC immunity according to IEC 60947-1 CISPR11, ambience A (group 2)	maximum permissible voltage for protective separation	
protection class IP shock resistance type of assignment certificate of suitability Substance Prohibitance (Date) SVHC substance name Bei- 7439-92-1 Beimonoxid (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 reverse starting No product component motor brake output yes product feature brake control with 230 V AC brake control with 240 V AC brake control with 24 V DC brake control with 180 V DC brake control with 500 V DC croduct extension braking module for brake control product function short circuit protection maximum short-circuit protection e at 500 V rated value 20 000 A EMC emitted interference according to IEC 60947-1 CISPR11, ambience A (group 2) corresponds to degree of severity 3, ambience A (industrial sector)	 between main and auxiliary circuit 	400 V
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 2-2,2,6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7 product function	 between control and auxiliary circuit 	24 V
type of assignment certificate of suitability CE Substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Bieimonoxid (Bieloxid) - 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 reverse starting No product component motor brake output Yes brake control with 230 V AC brake control with 400 V AC brake control with 400 V AC brake control with 180 V DC brake control with 180 V DC brake control with 180 V DC brake control with 500 V DC No product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit protection e at 400 V rated value at 400 V rated value at 500 V rated value at 500 V rated value CISPR11, ambience A (group 2) EMC eimmunity according to IEC 60947-1 CISPR11, ambience A (group 2)	protection class IP	IP65
Certificate of suitability Substance Prohibitance (Date) 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 of direct start reverse starting No product component motor brake output Yes product feature obrake control with 230 V AC reverse starting Yes obrake control with 400 V AC reverse control with 400 V AC reverse control with 180 V DC reverse control with 500 V DC reverse control with 500 V DC reverse control with 5	shock resistance	12g / 11 ms
Substance Prohibitance (Date) 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	type of assignment	1
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	certificate of suitability	CE
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	Substance Prohibitance (Date)	07/01/2006
 direct start reverse starting No product component motor brake output Yes 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 brake control with 500 V DC No product extension braking module for brake control No product function short circuit protection gircuit-breakers maximum short-circuit current breaking capacity (Icu) at 400 V rated value at 500 V rated value at 60947-1 CISPR11, ambience A (group 2) EMC immunity according to IEC 60947-1 corresponds to degree of severity 3, ambience A (industrial sector) 	SVHC substance name	Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5
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 180 V DC brake control with 500 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) at 400 V rated value at 500 V rated value a	product function	
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 No product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) at 400 V rated value at 500 V rated value EMC emitted interference according to IEC 60947-1 EMC immunity according to IEC 60947-1 Yes Yes No No No So No So So So So So	direct start	Yes
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) • at 400 V rated value • at 500 V rated value EMC emitted interference according to IEC 60947-1 EMC immunity according to IEC 60947-1 Yes Yes No No Circuit-breakers 50 000 A 20 000 A CISPR11, ambience A (group 2) Corresponds to degree of severity 3, ambience A (industrial sector)	reverse starting	No
 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 No product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) at 400 V rated value at 500 V rated value at 500 V rated value CISPR11, ambience A (group 2) EMC immunity according to IEC 60947-1 corresponds to degree of severity 3, ambience A (industrial sector) 	product component motor brake output	Yes
 brake control with 400 V AC brake control with 24 V DC brake control with 180 V DC brake control with 500 V DC No product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) at 400 V rated value at 500 V rated value at 500 V rated value 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) 	product feature	
 brake control with 24 V DC brake control with 180 V DC brake control with 500 V DC No product extension braking module for brake control No product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) at 400 V rated value at 500 V rated value at 500 V rated value 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) 	 brake control with 230 V AC 	Yes
 brake control with 180 V DC brake control with 500 V DC No product extension braking module for brake control No product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) at 400 V rated value 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) 	 brake control with 400 V AC 	Yes
brake control with 500 V DC product extension braking module for brake control 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 at 500 V rated value at 500 V rated value EMC emitted interference according to IEC 60947-1 EMC immunity according to IEC 60947-1 Corresponds to degree of severity 3, ambience A (industrial sector)	 brake control with 24 V DC 	No
product extension braking module for brake control product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) • at 400 V rated value • at 500 V rated value EMC emitted interference according to IEC 60947-1 EMC immunity according to IEC 60947-1 No Yes Circuit-breakers 50 000 A 20 000 A CISPR11, ambience A (group 2) Corresponds to degree of severity 3, ambience A (industrial sector)	 brake control with 180 V DC 	No
product function short circuit protection design of short-circuit protection maximum short-circuit current breaking capacity (Icu) • at 400 V rated value • at 500 V rated value EMC emitted interference according to IEC 60947-1 EMC immunity according to IEC 60947-1 Corresponds to degree of severity 3, ambience A (industrial sector)	 brake control with 500 V DC 	No
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)	product extension braking module for brake control	No
maximum short-circuit current breaking capacity (Icu) • at 400 V rated value • at 500 V rated value 20 000 A EMC emitted interference according to IEC 60947-1 EMC immunity according to IEC 60947-1 corresponds to degree of severity 3, ambience A (industrial sector)	product function short circuit protection	Yes
 at 400 V rated value at 500 V rated value 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) 	design of short-circuit protection	circuit-breakers
• 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)	maximum short-circuit current breaking capacity (Icu)	
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)	• at 400 V rated value	50 000 A
EMC immunity according to IEC 60947-1 corresponds to degree of severity 3, ambience A (industrial sector)	at 500 V rated value	20 000 A
	EMC emitted interference according to IEC 60947-1	CISPR11, ambience A (group 2)
conducted interference	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	1.5 12 A
type of the motor protection	full motor protection
operating voltage rated value	200 440 V
operational current	
• at AC at 400 V rated value	12 A
• at AC-3 at 400 V rated value	12 A
operating power	
• at AC-3	
— at 400 V rated value	5.5 kW
— at 500 V rated value	5 500 W
• at AC-3e	
— at 400 V rated value	6 kW
— at 500 V rated value	5.5 kW
product function	
 digital inputs parameterizable 	Yes
digital outputs parameterizable	Yes
number of digital inputs	4
number of sockets	
 for digital output signals 	2
for digital input signals	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 DC
Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1	DC
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 control supply voltage control supply voltage 1 • at DC rated value • at DC	DC
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 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 control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation	DC 20.4 28.8 V 20.4 28.8 V
type of voltage of the 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 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 2.7936 W
type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A
type of voltage of the control supply voltage control supply voltage 1 at DC rated value at DC control current at DC in standby mode of operation during operation power loss [W] in auxiliary and control circuit in switching state OFF with bypass circuit in switching state ON with bypass circuit Response times	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W
type of voltage of the control supply voltage control supply voltage 1 • at DC rated value • at DC control current at DC • in standby mode of operation • during operation power loss [W] in auxiliary and control circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit Response times ON-delay time	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W
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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W
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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat
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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal
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 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing
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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm
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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
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	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm
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 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm
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 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm
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 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm
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 during operation	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm 2 000 m -25 +55 °C
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 during operation during storage	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 148 mm
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 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 5.5296 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
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 during operation during storage	DC 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 2.7936 W 5.5296 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 -40 +70 °C
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 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 5.5296 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 -40 +70 °C

PROFINET protocol	No
design of the interface	
AS-Interface protocol	No
PROFINET protocol	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	
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
full-load current (FLA) for 3-phase AC motor at 480 V rated value	11 A
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
operating voltage at AC at 60 Hz according to CSA and UL rated value	480 V
Partificator/ approvals	

Certificates/ approvals

General Product Approval

EMC



Confirmation









Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report

Confirmation



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=3RK1395-6LS71-0AD3

Cax online generator

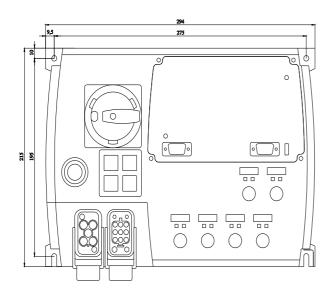
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1395-6LS71-0AD3

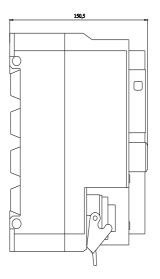
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$

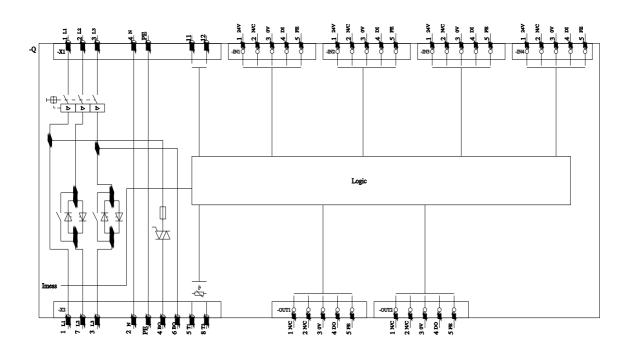
https://support.industry.siemens.com/cs/ww/en/ps/3RK1395-6LS71-0AD3

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1395-6LS71-0AD3&lang=en







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