SIEMENS

Data sheet





| SIRIUS |
|---|
| Motor starters |
| direct starter |
| M200D |
| |
| No |
| No |
| 500 V |
| 3 |
| 6 000 V |
| |
| 400 V |
| 24 V |
| IP65 |
| 12g / 11 ms |
| 1 |
| CE |
| 07/01/2006 |
| 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 |
| |
| Yes |
| No |
| Yes |
| |
| |
| No |
| No No |
| |
| No |
| No No |
| No No Yes |
| No No Yes No |
| No No Yes No |
| No No Yes No No Yes |
| No No Yes No No Yes |
| No No Yes No No Yes circuit-breakers |
| No No Yes No No Yes circuit-breakers |
| No No Yes No No Yes circuit-breakers 50 000 A 20 000 A |
| |

| • due to conductor confluence of the Colon 4-4 • due to conductor confluence securing to EC 61000-4-5 • due to conductor confluence surge according to EC 61000-4-5 • due to conductor confluence surge according to EC 61000-4-5 • funder protection against electrical shock fine certain surgest of the Colon 4-6 and 5-6 and | | |
|---|---|--|
| * vius to conductor-conductor surge according to IEC touch protection against electrical shock **Main circuit** **unumber of poles for main current circuit** **displant circ | - | 2 kV network connection / 1 kV control connection |
| Section 4-5 touch protection against electrical shock floger-safe Wain circuit Ausiliar Circuit Adesign of the switching contact design of the switching contact design of the switching contact dependent overface releases Paye of the motor protection Operating voltage rated value Operating voltage rated value Operating voltage rated value Operating voltage rated value Payer of the motor operation A CAS at 460 V rated value A CAS at 400 V ra | | |
| Touch protection against electrical shock Stancischemic S | | 1 kV |
| Manufactional number of poles for main current circuit 3 design of the switching contact 3 adjustable current response value current of the current 5,5 - 9 A 5,7 + 15 - 9 A 6,7 + 15 - 9 A 7,7 + 15 - 9 | | E |
| number of poles for main current circuit design of the switching contact solid-state / thyristor / 2 phases salpustable current response value current of the current type of the motor protection Operating voitage raid value 200 - 49 V Oporational current • at AC at 400 V raid value - at 500 V raid value - signial ruputs parameterizable • signial ruputs parameterizable • signial ruputs parameterizable • signial ruputs parameterizable • for digital ruputs parameterizable • for digital ruputs signial • for digital ruputs signial ruputs 1 Supply voltage of the supply voltage DC supply voltage of the control supply voltage - at 50 C rated value • at 10 C ra | | iiiger-sale |
| design of the switching contact adjustable current response value current of the current dependent overload release type of the motor protection operating rotinge rated value 200440 V operational current • at AC-3 at 400 V rated value • at AC-3 at 400 V rated value — at 500 V rated value — at 500 V rated value — at 500 V rated value • at AC-3 at 400 V rated value — at 500 V rated value — at 600 V rated value — for digital inputs parameterizable No number of digital inputs parameterizable No number of digital inputs agenis — to redigital input signals — for digital input signals — fo | | |
| adjustable current response value current of the current-dependent or verdoad releases type of the motor protection operating voltage rated value 200 440 V operating voltage rated value 200 440 V operating power • at AC at 400 V rated value • at AC at 400 V rated value • at 500 V rated value • digital inputs parameterizable • digital outputs parameterizable • digital outputs parameterizable • for digital protection of digital inputs • for digital protection of digital inputs • for digital protection of digital outputs parameterizable • for digital protection of digital outputs parameterizable • for digital protection of digital outputs parameterizable • for digital protection of digital outputs • for digital protection outputs • for digital outputs • for digit | <u> </u> | |
| dependent overload rolease full motor protection full motor protection full motor protection full motor protection coparating voltage mated value 200 440 V coparating voltage mated value 9 A 9 A 4 AC 3 at 400 V rated value 9 A 9 A 4 AC 3 at 400 V rated value 9 A 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 kW 4 AC 3 at 400 V rated value 4 AC 400 V rated value | | |
| Operating voltage rated value 200 440 V Operational current | | 1.5 9 A |
| Operational current # at AC off 400 V rated value 9 A # at AC off 400 V rated value 9 A # at AC off 400 V rated value 9 A # at AC off 400 V rated value 9 A # at AC off 400 V rated value 4 kW | type of the motor protection | full motor protection |
| at AC at 400 V rated value at AC 3 at 400 V rated value at AC 3 at 400 V rated value at AC 3 at 400 V rated value at AC 3 at 400 V rated value at 500 V rated value at 500 V rated value at 600 V rated valu | operating voltage rated value | 200 440 V |
| e at AC-3 at 400 V rated value operating power e at AC-3 — at 400 V rated value — at 900 V rated value 4 kW • at AC-3e — at 400 V rated value — at 900 V rated value • digital inputs parameterizable • digital inputs parameterizable • digital inputs parameterizable • for digital inputs • for digital inputs • for digital inputs signals • for digital input signals • for digital for digital for digital for digital for digital for digital for | operational current | |
| a | at AC at 400 V rated value | 9 A |
| | at AC-3 at 400 V rated value | 9 A |
| | operating power | |
| at AC-3e | • at AC-3 | |
| at AC-3e at 40 V rated value at 50 V rated value 4 kW product function éligital inputs parameterizable No number of digital inputs number of oscotats for digital outputs ignals for digital outputs signals for digital inputs number of value for digital outputs for digital inputs number of value for digital outputs for digital outputs DC supply voltage type of voltage of the supply voltage upply voltage 1 type of voltage of the supply voltage supply voltage 1 at DC supply voltage 1 at DC rated value minimum permissible since of control supply voltage of the control supply voltage minimum permissible at DC rated value at DC rated valu | — at 400 V rated value | 4 kW |
| at AC-3e at 40 V rated value at 50 V rated value 4 kW product function éligital inputs parameterizable No number of digital inputs number of oscotats for digital outputs ignals for digital outputs signals for digital inputs number of value for digital outputs for digital inputs number of value for digital outputs for digital outputs DC supply voltage type of voltage of the supply voltage upply voltage 1 type of voltage of the supply voltage supply voltage 1 at DC supply voltage 1 at DC rated value minimum permissible since of control supply voltage of the control supply voltage minimum permissible at DC rated value at DC rated valu | — at 500 V rated value | 4 000 W |
| at 400 V rated value 4 kW at 500 V rated value 5 digital inputs parameterizable No digital inputs parameterizable No | | |
| - at 500 V rated value 4 kW product function • digital inputs parameterizable | | 4 kW |
| product function • digital inputs parameterizable • digital inputs number of digital inputs • for digital output signals • for digital output signals • for digital outputs • | | |
| digital inputs parameterizable digital outputs parameterizable number of digital inputs for digital inputs signals for digital input signals for digital input signals for digital input signals number of digital input signals type of voltage of the supply voltage supply voltage type of voltage of the supply voltage supply voltage 1 at DC supply voltage 1 at DC rated value minimum permissible maximum permissible maximum permissible maximum permissible maximum permissible control circuit Control type of voltage of the control supply voltage control supply voltage 1 at DC rated value control supply voltage of the control supply voltage control supply voltage of the control supply voltage control supply voltage at DC rated value at DC rate | | |
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| supply voltage 1 at DC supply voltage 1 at DC rated value • minimum permissible • maximum permissible • maximum permissible • maximum permissible control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value • at DC control current at DC • in standby mode of operation • during operation • during operation • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit • in switching state OFF with bypass circuit • in switching state ON with bypass circuit • in switching stat | | 20 |
| supply voltage 1 at DC rated value minimum permissible maximum permissible maximum permissible maximum permissible maximum permissible maximum permissible control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage at DC rated value at DC rated value at DC rated value at DC at DC at DC in standby mode of operation during operation during operation on 6 A power loss [W] in auxiliary and control circuit in in switching state OFF with bypass circuit elias witching state off with operation OF-delay time OF-delay time OF-delay time OF-delay time of-commended fastening method screw fixing height width 294 mm depth Ambient conditions installation altitude at height above sea level maximum 2 000 m | type of voltage of the supply voltage | DC |
| minimum permissible maximum permissible 31.6 V Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value 20.4 28.8 V control supply voltage 1 at DC rated value at DC rated value at DC rated value at DC at DC 20.4 28.8 V control current at DC in standby mode of operation during operation a witching state OFF with bypass circuit in switching state OFF with bypass circuit in switching state ON with bypass circuit 2.1898 W Response times ON-delay time OF-delay time OF-delay time o recommended horizontal fastening method screw fixing height 215 mm width 294 mm Ambient conditions installation altitude at height above sea level maximum 2 000 m | averally well-to a 4 of DC | 041/ |
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| control supply voltage at DC rated value control supply voltage 1 at DC rated value at DC rated value at DC rated value at DC rated value at DC at DC control current at DC in standby mode of operation during operation during operation olo AA power loss [W] in auxiliary and control circuit in switching state OFF with bypass circuit in switching state ON with bypass circuit 2.1888 W Response times ON-delay time OFF-delay time OFF-delay time at DC 25 ms OFF-delay time orecommended fastening method fastening method horizontal fastening method height 215 mm width 229 mm depth Ambient conditions installation altitude at height above sea level maximum 2 000 m | supply voltage 1 at DC rated value • minimum permissible • maximum permissible | 30 V 26.5 V |
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| at DC rated value at DC rated value at DC at DC at DC at DC control current at DC in standby mode of operation during operation at during operation at DC bin switching state OFF with bypass circuit in switching state OFF with bypass circuit in switching state OFF with bypass circuit bin switching state OFF with bypass circuit bin switching state ON with bypass circuit bin switching state OFF with bypass circuit bin switching state ON with bypass circuit bin switching state OFF with bypass circuit bin switching state OFF with bypass circuit bin switching state ON with bypass circuit bin switching state OFF with bypass circuit bin switching state OF | supply voltage 1 at DC rated value | 30 V 26.5 V 31.6 V |
| at DC rated value at DC 20.4 28.8 V control current at DC in standby mode of operation during operation olo A 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 OFF-delay time sore mounting position recommended fastening method height width 294 mm depth Ambient conditions installation altitude at height above sea level maximum 20.4 28.8 V 20.5 mA 1.9584 W 2.1888 W 25 ms OFF-delay time OFF-delay time Screw fixing 4 stening method Screw fixing 5 stening method Screw fixing 6 stening method Screw fixing 8 stening method Screw fixing 9 stening method Screw fixing Screw fixing 9 stening method Screw fixing Screw fi | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage | 30 V 26.5 V 31.6 V |
| at DC control current at DC in standby mode of operation during operation during operation of which in switching state OFF with bypass circuit in switching state ON with bypass circuit in switching state ON with bypass circuit of in switching state ON with bypass circuit Pesponse times ON-delay time OFF-delay time Soff-delay time The commended The conditions Soft of the commended The conditions Soft of the commended Soft of the commen | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value | 30 V 26.5 V 31.6 V |
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| 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 | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • 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 | 30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W |
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| Ambient conditions installation altitude at height above sea level maximum 2 000 m | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • 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 | 30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm |
| installation altitude at height above sea level maximum 2 000 m | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • 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 | 30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm |
| | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • 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 | 30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm |
| ampient temperature | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • 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 | 30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 159 mm |
| | supply voltage 1 at DC rated value • minimum permissible • maximum permissible Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value control supply voltage 1 • at DC rated value • 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 | 30 V 26.5 V 31.6 V DC 20.4 28.8 V 24 V 20.4 28.8 V 100 mA 0.6 A 1.9584 W 2.1888 W 25 ms 35 ms vertical, horizontal, flat horizontal screw fixing 215 mm 294 mm 159 mm |

| 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 | |
| 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 interface | M12 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 rated value | 7.6 A |
| yielded mechanical performance [hp] | |
| • for 3-phase AC motor | |
| — at 220/230 V rated value | 2 hp |
| — at 460/480 V rated value | 5 hp |
| operating voltage at AC at 60 Hz according to CSA and UL rated value | 480 V |
| Certificates/ approvals | |

Certificates/ approvals

General Product Approval







Confirmation







Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report



Confirmation

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

com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

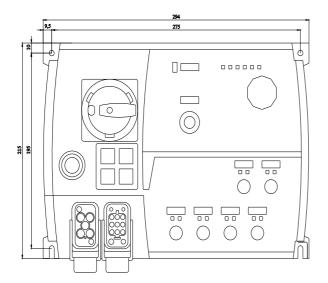
https://www.siemens.com/ic10

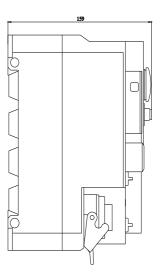
Industry Mall (Online ordering system)

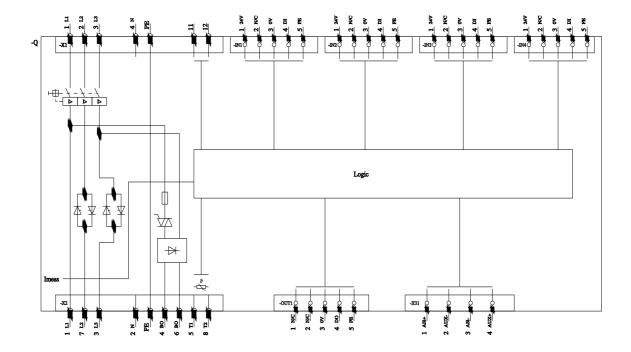
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1315-6NS71-0AA5

Cax online generator

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3RK1315-6NS71-0AA5&lang=en







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