SIEMENS

Data sheet US2:22DP32BC81



Reversing motor starter, Size 1, Three phase full voltage, Amb. compensate bimetal OLR, Contactor amp rating 27A, Non-combination type, Enclosure type 1, Indoor general purpose use

Figure similar

| product brand name Class 14 & 22 design of the product product (special product feature Dual voltage coil (seeing of the product feature feature) (seeing of the product feature) (seeing | | |
|--|---|-------------------------------------|
| Special product feature General technical data weight [tb] Height x Width x Depth [in] 20 x 12 x 8 in 10uch protection against electrical shock Installation altitude [ft] at height above sea level maximum Installa | · | Class 14 & 22 |
| weight [b] 23 lb Height x Width x Depth [in] 20 x 12 x 8 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [*F] • during storage -22 +149 *F • during operation -4 +104 *F ambient temperature • during storage -30 +65 °C • during operation -20 +40 °C country of origin USA Horsepower statings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 7.5 hp • at 460/480 V rated value 10 hp • at 575/600 V rated value 10 hp contactor size of contactor main contacts or main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts publical service life (operating cycles) of the main contacts 1 mumber of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of N | | į į |
| weight [ib] Height x Width x Depth [in] 20 x 12 x 8 in 20 x 12 x 8 in NA for enclosed products installation altitude [it] at height above sea level maximum 6560 ft ambient temperature [it] • during storage • during operation - 22 +149 "F • during storage • during operation - 20 +65 °C • during operation - 20 +40 °C country of origin Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 604/408 V rated value • at 604/408 V rated value • at 604/308 V rated value • at 600 V and the formation of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value rechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary cont | · · | Dual voltage coil |
| Height x Width x Depth [in] 10 | General technical data | |
| touch protection against electrical shock installation altitude (ft] at height above sea level maximum ambient temperature [*F] • during storage • during operation -4 +104 *F ambient temperature • during storage • during storage • during operation -20 +85 *C • during operation -20 +40 *C country of origin Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 600/480 V rated value • | weight [lb] | 23 lb |
| installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation ambient temperature • during storage • during operation • during operation - 20 +65 °C - 30 +65 °C - 30 +65 °C country of origin USA Horsspower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 675/600 V rated value • at 675/600 V rated value Operating voltage for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value appearance in NC contacts at contactor for auxiliary contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 2 number of NC contacts at contactor for auxiliary contacts 3 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for | Height x Width x Depth [in] | 20 × 12 × 8 in |
| ambient temperature [*F] • during storage • during operation ambient temperature • during operation during operation - 4+104 *F • during operation e during operation • during operation • during operation country of origin USA ### USA ### | touch protection against electrical shock | NA for enclosed products |
| • during storage • during operation • during storage • during storage • during operation • during operation • during operation • during operation • 20 +40 °C country of origin USA Horsopower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 220/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value 10 hp • at 575/600 V rated value 10 hp contactor number of NC contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated value poperational current at AC at 600 V rated | installation altitude [ft] at height above sea level maximum | 6560 ft |
| during operation ambient temperature during storage during operation during operation during operation country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 2200/230 V rated value at 480/480 V rated value at 480/480 V rated value at 575/600 V rated value in bp at 575/600 V rated value in bp ize of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value in by in accordance to the main contacts in accordance | ambient temperature [°F] | |
| ambient temperature • during storage • during operation -20 +40 °C country of origin Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value -3.5 hp • at 220/230 V rated value -3.5 hp • at 460/480 V rated value -3.5 hp • at 460/480 V rated value -3.5 hp • at 4575/600 V rated value -3.5 hp • at 4575/600 V rated value -3.5 hp • at 4575/600 V rated value -3.5 hp • at 460/480 V rated value -4.5 hp • at 460/480 V rated value -4.5 hp -4.5 | during storage | -22 +149 °F |
| during storage during operation 20 +40 °C country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value 7.5 hp at 460/480 V rated value 10 hp Contactor size of contactor NEMA controller size 1 number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value at 27 A mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum a contact rating of auxiliary contacts of contactor according to UL Coli type of voltage of the control supply voltage at AC at 60 Hz rated value 220 480 V holding power at AC minimum | during operation | -4 +104 °F |
| during operation country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value at 755/600 V rated value | ambient temperature | |
| country of origin Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • 10 hp Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage • at AC at 60 Hz rated value 220 480 V holding power at AC minimum | during storage | -30 +65 °C |
| yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 200/230 V rated value at 460/480 V rated value at 575/600 V rated value by at 575/600 V rated value contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum a contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage at AC at 60 Hz rated value 220 480 V holding power at AC minimum 8.6 W | during operation | -20 +40 °C |
| yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value 10 hp Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts for auxiliary contacts number of total auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage • at AC at 60 Hz rated value 220 480 V holding power at AC minimum 8.6 W | country of origin | USA |
| at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value be at 575/600 V rated value at 575/600 V rated value be at 575/600 V rated value To hp at 575/600 V rated value be at 575/600 V rated value be at 575/600 V rated value To hp Contactor Size of contactor size of contacts for main contacts a operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value precipical voltage for main current at AC at 600 V rated value are mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value at AC at 60 Hz rated value both size of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value both size of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value both size of the control supply voltage at AC at 60 Hz rated value both size of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value both size of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value both size of the control supply voltage at AC at 60 Hz rated value both size of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value at AC at 60 Hz rated value | Horsepower ratings | |
| at 220/230 V rated value at 460/480 V rated value bat 575/600 V rated value To hp Tontactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value Tonumber of NO contacts for main contacts typical Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage at AC at 60 Hz rated value 220 480 V holding power at AC minimum 7.5 hp 10 hp | yielded mechanical performance [hp] for 3-phase AC motor | |
| at 460/480 V rated value at 575/600 V rated value 10 hp contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 27 A mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage at AC at 60 Hz rated value 220 480 V holding power at AC minimum 8 10 hp 1 | • at 200/208 V rated value | 7.5 hp |
| otal to 575/600 V rated value Contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage at AC at 60 Hz rated value 10 hp NEMA controller size 1 600 V 10000000 27 A 100000000 100000000 10000000000000 | • at 220/230 V rated value | 7.5 hp |
| size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value operational service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL type of voltage of the control supply voltage • at AC at 60 Hz rated value holding power at AC minimum NEMA controller size 1 NEMA controller size 1 3 0 0 10000000 27 A 10000000 27 A 10000000 27 A 10000000 10000000 1000000000000000 | • at 460/480 V rated value | 10 hp |
| size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value prechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL type of voltage of the control supply voltage at AC at 60 Hz rated value holding power at AC minimum NEMA controller size 1 3 NEMA controller size 1 600 V 600 V 10000000 100000000 1000000000000 | • at 575/600 V rated value | 10 hp |
| number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value 220 480 V holding power at AC minimum 8 600 V | Contactor | |
| operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value preciational current at AC at 600 V rated value mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage at AC at 60 Hz rated value at AC at 60 Hz rated value AC holding power at AC minimum 600 V 1000000 10000000 100000000 10000000 | size of contactor | NEMA controller size 1 |
| maximum operational current at AC at 600 V rated value mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage • at AC at 60 Hz rated value AC minimum 27 A 10000000 10000000 100000000 1000000 | number of NO contacts for main contacts | 3 |
| mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage • at AC at 60 Hz rated value AC minimum 10000000 10000000 10000000 10000000 | | 600 V |
| Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL type of voltage of the control supply voltage o at AC at 60 Hz rated value AC molding power at AC minimum 8.6 W | operational current at AC at 600 V rated value | 27 A |
| number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL type of voltage of the control supply voltage o at AC at 60 Hz rated value holding power at AC minimum 0 10A@600VAC (A600), 5A@600VDC (P600) AC 220 480 V holding power at AC minimum 8.6 W | | 10000000 |
| number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL type of voltage of the control supply voltage o at AC at 60 Hz rated value holding power at AC minimum 10A@600VAC (A600), 5A@600VDC (P600) AC 220 480 V 8.6 W | Auxiliary contact | |
| number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL type of voltage of the control supply voltage o at AC at 60 Hz rated value holding power at AC minimum 8 10A@600VAC (A600), 5A@600VDC (P600) AC 220 480 V 8.6 W | number of NC contacts at contactor for auxiliary contacts | 0 |
| contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage o at AC at 60 Hz rated value holding power at AC minimum AC 10A@600VAC (A600), 5A@600VDC (P600) AC 220 480 V 8.6 W | number of NO contacts at contactor for auxiliary contacts | 1 |
| type of voltage of the control supply voltage control supply voltage at AC at 60 Hz rated value 220 480 V holding power at AC minimum 8.6 W | number of total auxiliary contacts maximum | 8 |
| type of voltage of the control supply voltage control supply voltage at AC at 60 Hz rated value 220 480 V holding power at AC minimum 8.6 W | contact rating of auxiliary contacts of contactor according to UL | 10A@600VAC (A600), 5A@600VDC (P600) |
| control supply voltage | Coil | |
| ◆ at AC at 60 Hz rated value 220 480 V holding power at AC minimum 8.6 W | type of voltage of the control supply voltage | AC |
| holding power at AC minimum 8.6 W | control supply voltage | |
| 01 | at AC at 60 Hz rated value | 220 480 V |
| | holding power at AC minimum | 8.6 W |
| | | 218 VA |

| apparent holding power of magnet coil at AC | 25 VA |
|--|---|
| operating range factor control supply voltage rated value of magnet coil | 0.85 1.1 |
| percental drop-out voltage of magnet coil related to the input voltage | 50 % |
| ON-delay time | 19 29 ms |
| OFF-delay time | 10 24 ms |
| Overload relay | |
| product function | |
| overload protection | Yes |
| • test function | Yes |
| external reset | Yes |
| reset function | Manual and automatic |
| adjustment range of thermal overload trip unit | 0.85 1.15 |
| number of NC contacts of auxiliary contacts of overload relay | 1 |
| number of NO contacts of auxiliary contacts of overload relay | 0 |
| operational current of auxiliary contacts of overload relay | |
| • at AC at 600 V | 10 A |
| • at DC at 250 V | 5 A |
| contact rating of auxiliary contacts of overload relay according to | 10A@600VAC (A600), 5A@250VDC (P300) |
| UL | |
| Enclosure | |
| degree of protection NEMA rating | 1 |
| design of the housing | indoors, usable on a general basis |
| Mounting/wiring | |
| mounting position | Vertical |
| fastening method | Surface mounting and installation |
| type of electrical connection for supply voltage line-side | Screw-type terminals |
| tightening torque [lbf-in] for supply | 35 35 lbf·in |
| temperature of the conductor for supply maximum permissible | 75 °C |
| material of the conductor for supply | AL or CU |
| type of electrical connection for load-side outgoing feeder | Screw-type terminals |
| tightening torque [lbf-in] for load-side outgoing feeder | 35 50 lbf-in |
| type of electrical connection of magnet coil | Screw-type terminals |
| tightening torque [lbf-in] at magnet coil | 5 12 lbf-in |
| type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded | 2x (16 12 AWG) |
| temperature of the conductor at magnet coil maximum permissible | 75 °C |
| material of the conductor at magnet coil | CU |
| type of electrical connection for auxiliary contacts | Screw-type terminals |
| tightening torque [lbf-in] at contactor for auxiliary contacts | 10 15 lbf·in |
| type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi-stranded | 1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG) |
| temperature of the conductor at contactor for auxiliary contacts maximum permissible | 75 °C |
| material of the conductor at contactor for auxiliary contacts | CU |
| type of electrical connection at overload relay for auxiliary contacts | Screw-type terminals |
| tightening torque [lbf-in] at overload relay for auxiliary contacts | 5 12 lbf·in |
| type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi-stranded | 2x (16 12 AWG) |
| temperature of the conductor at overload relay for auxiliary contacts maximum permissible | 75 °C |
| material of the conductor at overload relay for auxiliary contacts | CU |
| Short-circuit current rating | |
| design of the fuse link for short-circuit protection of the main circuit required | 10kA@600V (Class H or K); 100kA@600V (Class R or J) |
| design of the short-circuit trip | Thermal magnetic circuit breaker |
| maximum short-circuit current breaking capacity (Icu) | |
| • at 240 V | 14 kA |
| • at 480 V | 10 kA |
| ● at 600 V | 10 kA |
| certificate of suitability | NEMA ICS 2; UL 508; CSA 22.2, No.14 |

Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

all.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:22DP32BC81

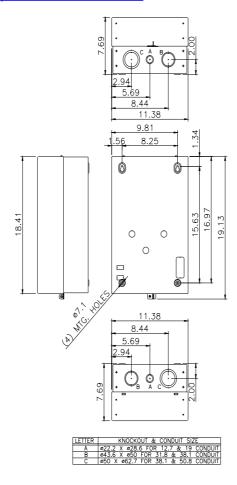
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:22DP32BC81

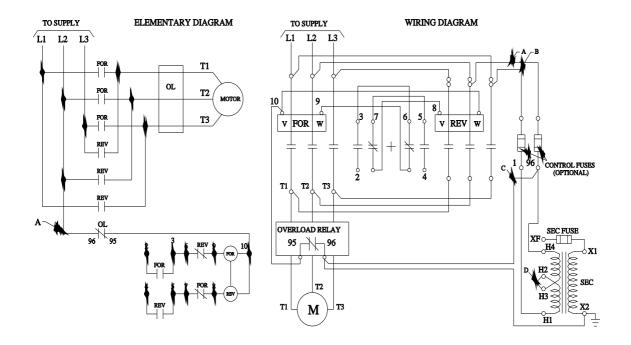
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:22DP32BC81&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:22DP32BC81/certificate





D46590003

last modified: 1/25/2022 🖸