SIEMENS

Data sheet

US2:14GP32FD81



Non-reversing motor starter, Size 2 1/2, Three phase full voltage, Amb. compensate bimetal OLR, Contactor amp rating 60A, 208VAC 60Hz coil, Non-combination type, Enclosure type 4X fiberglass, Water/dust tight noncorrosive

product brand name Class 14 & 22 design of the product feature Full-voltage non-reversing motor starter special product feature Half-size starter Ceneral technical data ************************************		
special product feature Half-size starter General technical data weight [b] 15 lb Height X With x Depth [in] 15 x 12 x 7 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6660 ft ambient temperature ['F] -22 +149 "F • during storage -22 +149 "F • during storage -30 +65 "C • during operation -20 +40 "F ambient temperature -30 +65 "C • during operation -20 +40 "F • 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 20 hp • at 260/800 V rated value 30 hp • at 460/480 V rated value 60 A operating voltage for main contacts 3 operating voltage for main contacts 3 operating voltage for main contacts 1	product brand name	Class 14 & 22
General technical data weight [b] 15 lb Height x Width x Depth [n] 15 × 12 × 7 in NA for enclosed products installation altitude [ft] at height above sea level maximum ambient temperature [°F] -22 +149 °F • during operation -24 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C county of origin USA yleided mechanical performance [hp] for 3-phase AC motor -30 +65 °C • at 200/208 V rated value 15 hp • at 200/208 V rated value 30 hp • at 200/208 V rated value 60 hp • at 200/208 V rated value 60 A <t< td=""><td>design of the product</td><td>Full-voltage non-reversing motor starter</td></t<>	design of the product	Full-voltage non-reversing motor starter
weight [lb] 15 lb Height x Widh x Depth [in] 15 × 12 × 7 in touch protection against electrical shock 15 × 12 × 7 in installation attitude [lt] at height above sea level maximum 6660 ft ambient temperature ["F] -22 +149 "F • during storage -30 +65 °C • during vortage -20 +40 °C country of origin USA Hosepower ratings yieled mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 20 hp • at 200/208 V rated value 30 hp • at 255/600 V rated value 30 hp • size of contactor Controller half size 2 1/2 number of NC contacts for main current circuit at AC at 60 Hz 600 V maximum 0 operating voltage for main current circuit at AC at 60 Hz 600 A mechanical service life (switching cycles) of the main contacts 3 operating voltage for main current circuit at AC at 60 Hz 60 A mumbe	special product feature	Half-size starter
Height X Width X Depth [in] 15 × 12 × 7 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6600 ft ambient temperature ['F] -22 +149 °F • during storage -22 +149 °F • during storage -30 +65 °C • during operation -20 +40 °C country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor et 220/208 V rated value 15 hp • at 200/208 V rated value 20 hp • at 460/480 V rated value 30 hp • at 460/480 V rated value 30 hp • at 460/480 V rated value 30 hp • at 675/600 V rated value 3 operating voltage for main current circuit at AC at 60 Hz 3 operating voltage for main current circuit at AC at 60 Hz 60 A maximum 60 A operating voltage for main current of rauxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 0 number of total auxiliary contacts mixiliary contacts 1 number of total auxiliary contacts of contactor ac	General technical data	
Use protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature ['F] -22 +149 "F • during operation -4 +104 "F ambient temperature -30 +65 "C • during operation -20 +40 "C country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 220/208 V rated value 15 hp • at 220/208 V rated value 20 hp • at 480/480 V rated value 30 hp • at 450/500 V rated value 30 hp • at 55/500 V rated value 30 hp • size of contacts Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V outrated 10000000 Auxiliary contact 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	weight [lb]	15 lb
installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature ['F] -22 +149 °F • during operation -4 +104 °F ambient temperature -30 +65 °C • during operation -20 +40 °C country of origin USA Horsepower ratings -20 +40 °C yielded mechanical performance [hp] for 3-phase AC motor -15 hp • at 220/230 V rated value 15 hp • at 220/230 V rated value 20 hp • at 457/600 V rated value 30 hp • at 457/600 V rated value 30 hp • at 575/600 V rated value 30 hp • at 575/600 V rated value 30 hp size of contactor Controller half size 2 1/2 number of NC contacts for main contacts 3 operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC 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 <	Height x Width x Depth [in]	15 × 12 × 7 in
ambient temperature ["F] -22 +149 "F • during storage -22 +149 "F • during operation -4 +104 "F ambient temperature -4 +104 "F • during storage -30 +65 "C • 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 200/208 V rated value 20 hp • at 480/480 V rated value 30 hp Contactor - size of contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 3 operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contacts at contactor for auxiliary contacts 0 number of NC 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 o	touch protection against electrical shock	NA for enclosed products
• during storage -22 +149 °F • during operation -4 +104 °F ambient temperature -30 +65 °C • during storage -30 +65 °C • 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 15 hp • at 200/208 V rated value 20 hp • at 260/480 V rated value 30 hp Contactor Size of contacts for main contacts size of contacts for main current circuit at AC at 60 Hz maximum 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contacts at contactor for auxiliary contacts 0 number of NC 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 contact	installation altitude [ft] at height above sea level maximum	6560 ft
• during operation -4 +104 °F ambient temperature -30 +65 °C • 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 15 hp • at 220/230 V rated value 20 hp • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 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	ambient temperature [°F]	
ambient temperature -30 +65 °C • 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 15 hp • at 220/230 V rated value 20 hp • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp Contactor Controller half size 2 1/2 size of contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V operating voltage for keytching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contact for auxiliary contacts 1 number of NC contacts at contact for auxiliary contacts 1 number of NC contacts at contact for auxiliary contacts 1 number of NC contacts at contact for auxiliary contacts 1 number of NC contacts at contact for auxiliary contacts 1 number of NC contacts at contact for auxiliary contacts 1 number of NC contacts at contact for auxiliary contacts 1 </td <td> during storage </td> <td>-22 +149 °F</td>	 during storage 	-22 +149 °F
• during storage -30 +65 °C • 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 15 hp • at 220/23 V rated value 20 hp • at 460/480 V rated value 30 hp • at 4575/600 V rated value 30 hp • at 575/600 V rated value 30 hp • at 4575/600 V rated value 30 hp • at 460/480 V rated value 00 V • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp • at 575/600 V rated value 00 V operating voltage for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 0 operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NC contacts at con	during operation	-4 +104 °F
• 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 15 hp • at 220/230 V rated value 20 hp • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts 10000000 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts of 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 total	ambient temperature	
country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 15 hp • at 220/230 V rated value 20 hp • at 220/230 V rated value 30 hp • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp Contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 60 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) cotact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600)	during storage	-30 +65 °C
Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 15 hp • at 220/230 V rated value 20 hp • at 460/480 V rated value 30 hp • at 460/480 V rated value 30 hp • at 457/600 V rated value 30 hp Contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 60 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 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 total auxiliary contacts of contactor according to UL 10A@600VAC	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor 15 hp • at 200/208 V rated value 15 hp • at 220/230 V rated value 20 hp • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp • at 575/600 V rated value 30 hp • at 575/600 V rated value 30 hp contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 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 total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) coil type of voltage of the control supply voltage AC	country of origin	USA
motor • at 200/208 V rated value 15 hp • at 220/230 V rated value 20 hp • at 460/480 V rated value 30 hp • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp Contactor Size of contactor for main contacts size of contactor main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 V operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 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 total auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil	Horsepower ratings	
• at 220/230 V rated value 20 hp • at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp Contactor 30 hp size of contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 60 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary contacts 1 number of NC 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 total auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil Kpe of voltage of the control supply voltage AC		
• at 460/480 V rated value 30 hp • at 575/600 V rated value 30 hp Contactor Size of contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 60 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 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 total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) to UL Ype of voltage of the control supply voltage AC	• at 200/208 V rated value	15 hp
• at 575/600 V rated value 30 hp Contactor size of contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 60 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 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 NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) coil to UL AC	• at 220/230 V rated value	20 hp
Contactor size of contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts of contacts of contactor according to UL 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) coil AC	 at 460/480 V rated value 	30 hp
size of contactor Controller half size 2 1/2 number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 60 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 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 total auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil Kpe of voltage of the control supply voltage AC	 at 575/600 V rated value 	30 hp
number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 600 V maximum 60 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil AC	Contactor	
operating voltage for main current circuit at AC at 60 Hz 600 V maximum 600 A operational current at AC at 600 V rated value 60 A mechanical service life (switching cycles) of the main contacts typical 10000000 Auxiliary contact 0 number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 4 type of voltage of the control supply voltage AC	size of contactor	Controller half size 2 1/2
maximumoperational current at AC at 600 V rated value60 Amechanical service life (switching cycles) of the main contacts typical10000000Auxiliary contact10000000number of NC contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts maximum7contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)CoilKeye of voltage of the control supply voltageAC	number of NO contacts for main contacts	3
mechanical service life (switching cycles) of the main contacts typical 1000000 Auxiliary contact 1000000 number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 4 type of voltage of the control supply voltage AC		600 V
contacts typical Auxiliary contact number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil Coil type of voltage of the control supply voltage AC	operational current at AC at 600 V rated value	60 A
number of NC contacts at contactor for auxiliary contacts 0 number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 4C		1000000
number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil 4 type of voltage of the control supply voltage AC	Auxiliary contact	
number of total auxiliary contacts maximum 7 contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil type of voltage of the control supply voltage AC	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) Coil type of voltage of the control supply voltage AC	number of NO contacts at contactor for auxiliary contacts	1
to UL Coil type of voltage of the control supply voltage AC	number of total auxiliary contacts maximum	7
type of voltage of the control supply voltage AC		10A@600VAC (A600), 5A@600VDC (P600)
	Coil	
control supply voltage	type of voltage of the control supply voltage	AC
	control supply voltage	

 at AC at 60 Hz rated value 	208 V
holding power at AC minimum	8.6 W
apparent pick-up power of magnet coil at AC	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 UL	10A@600VAC (A600), 5A@250VDC (P300)
Enclosure	
degree of protection NEMA rating	4X, fiber glass
design of the housing	dustproof, waterproof & resistant to corrosion
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Box lug
tightening torque [lbf·in] for supply	45 45 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

CU
10kA@600V (Class H or K); 100kA@600V (Class R or J)
Thermal magnetic circuit breaker
14 kA
10 kA
10 kA
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)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14GP32FD81

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

https://support.industry.siemens.com/cs/US/en/ps/US2:14GP32FD81

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14GP32FD81&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14GP32FD81/certificate

last modified:

1/25/2022 🖸