## **SIEMENS**

Data sheet US2:14PUN32BF



Non-reversing motor starter, Size 8, Three phase full voltage, Solid-state overload relay, OLR amp range 400-1200A, 100-250V 50-60Hz/DC coil, Non-combination type, Enclosure type 1, Indoor general purpose use, Standard width enclosure

Figure similar

product brand name Class 14 design of the product special product feature ESP200 overload relay EsP200 overload relay EsP200 overload relay weight [Ib] 297 ib Height X Width X Depth [in] 79 × 22 × 13 in touch protection against electrical shock (NA for enclosed products) installation altitude [It] at height above sea level maximum 6560 ft ambient temperature [F] • during storage -22 +149 "F • during storage • during operation -4 +104 "F ambient temperature • during storage -20 +465 "C • during operation -20 +40 "C control storage over ratings yielded mechanical performance [Inp] for 3-phase AC motor • at 200/208 V rated value -450 lip -		
Special product feature  General technical data  weight [ib]  Height x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum  of 5660 ft  ambient temperature [FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	product brand name	Class 14
weight [Ib] 297 lb Height x Width x Depth [in] 79 × 22 × 13 in touch protection against electrical shock (NA for enclosed products) installation altitude [it] at height above sea level maximum 6560 ft ambient temperature [i*F] • during storage • 22 +149 °F • during storage • during operation 4 +104 °F ambient temperature • during operation 20 +65 °C country of origin USA  Horsopower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V rated value 0 hp • at 220/230 V rated value 450 hp • at 460/480 V rated value 9900 hp  Contactor size of contactor wair contacts for main contacts operating cycles) of the main contacts typical  Auxiliary contact 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 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.  Coil  typic of voltage of the control supply voltage AC/DC	design of the product	Full-voltage non-reversing motor starter
weight [ib]	special product feature	ESP200 overload relay
Height x Width x Depth [in]  touch protection against electrical shock (Installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation ambient temperature • during operation  ambient temperature • during operation  ambient temperature • during storage • during operation  ambient temperature • during storage • during operation  USA  ### Coccountry of origin  ### USA  ### US	General technical data	
touch protection against electrical shock installation altitude (fit) at height above sea level maximum ambient temperature ("F) • during storage • during operation • 20 +40 °C  country of origin  Horsspower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V rated value • at 220/230 V rated value • at 480/480 V rated value • at 480/480 V rated value • at 480/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 60 on the contacts for main contacts size of contactor  size of contactor  size of 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 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 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 auxilia	weight [lb]	297 lb
installation altitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation • during storage • during operation • 20 +40 °C  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 220/220 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 675/600 V rated value • at 575/600 V rated value • at 676/00 V rated value • at 60 contactor  number of NO contacts for main contacts vipical mechanical service life (operating cycles) of the main contacts typical number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor according to U.  Coil  type of voltage of the control supply voltage  AC/DC	Height x Width x Depth [in]	79 × 22 × 13 in
ambient temperature ["F]  • during storage • during operation  4 +104 "F  ambient temperature • 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 220/230 V rated value • at 220/230 V rated value • at 450/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  20 on bactor  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  1215 A  mechanical service life (operating cycles) of the main contacts typical  Auxillary 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 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 8 contact rating of auxiliary contacts for naximum 8 contact rating of auxiliary contacts for contactor according to UL  Coil  type of voltage of the control supply voltage  AC/IDC	touch protection against electrical shock	(NA for enclosed products)
<ul> <li>during storage</li> <li>during operation</li> <li>during storage</li> <li>during storage</li> <li>during operation</li> <li>20 +40 °C</li> <li>during operation</li> <li>20 +40 °C</li> <li>country of origin</li> <li>USA</li> <li>Horsepower ratings</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 450 hp</li> <li>at 460/480 V rated value</li> <li>900 hp</li> <li>at 575/600 V rated value</li> <li>900 hp</li> <li>size of contactor</li> <li>size of contactor</li> <li>size of contactor for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operational current at AC at 600 V rated value</li> <li>1215 A</li> <li>mechanical service life (operating cycles) of the main contacts for mome of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>8</li> <li>contact rating of auxiliary contacts maximum</li> <li>8</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>Coil</li> <li>type of voltage of the control supply voltage</li> <li>AC/DC</li> </ul>	installation altitude [ft] at height above sea level maximum	6560 ft
<ul> <li>during operation</li> <li>4 +104 °F</li> <li>ambient temperature</li> <li>during storage</li> <li>during operation</li> <li>20 +46 °C</li> <li>country of origin</li> <li>USA</li> <li>Horsepower ratings</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> <li>at 200/208 V rated value</li> <li>at 200/208 V rated value</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>at 575/600 V rated value</li> <li>good hp</li> <li>contactor</li> <li>size of contactor</li> <li>number of NO contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operational current at AC at 600 V rated value</li> <li>poperational current at AC at 600 V rated value</li> <li>poperational current at AC at 600 V rated value</li> <li>poperational current at AC at 600 V rated value</li> <li>poperational current at AC at 600 V rated value</li> <li>poperational current of NC contacts at contactor for auxiliary contacts</li> <li>founder of NC contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> <li>Loil</li> <li>total control supply voltage</li> <li>AC/DC</li> </ul>	ambient temperature [°F]	
ambient temperature  • during storage • during operation • 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 578/600 V rated value • at 578/600 V rated value • at 778/600 V rated value • at 788/600 V rated value • at 600 V rated value • at 600 V rated value	during storage	-22 +149 °F
<ul> <li>during storage</li> <li>during operation</li> <li>20 +40 °C</li> <li>country of origin</li> <li>USA</li> </ul> Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>at 675/600 V rated value</li> <li>900 hp</li> <li>at 575/600 V rated value</li> <li>900 hp</li> </ul> Contactor size of contactor main contacts <ul> <li>a operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operational current at AC at 600 V rated value</li> <li>1215 A</li> </ul> mechanical service life (operating cycles) of the main contacts typical <ul> <li>Auxiliary contact</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts maximum</li> <li>8</li> <li>contact rating of auxiliary contacts maximum</li> <li>8</li> <li>contact rating of auxiliary contacts of contactor according to UL</li> </ul> Loil type of voltage of the control supply voltage <ul> <li>AC/DC</li> </ul>	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 450 hp     at 460/480 V rated value     at 575/600 V rated value     at 575/600 V rated value     opon 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     1215 A     mechanical service life (operating cycles) of the main contacts     typical  Auxillary contact  number of NO contacts at contactor for auxillary contacts     number of NO con	ambient temperature	
country of origin USA  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value 0 hp • at 220/230 V rated value 900 hp • at 460/480 V rated value 900 hp • at 575/600 V rated value 900 hp  Contactor  size of contactor NEMA controller size 8 number of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz 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 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  Coil  type of voltage of the control supply voltage  AC/DC	<ul> <li>during storage</li> </ul>	-30 +65 °C
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 900 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 1215 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 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 8 contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage AC/DC	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 460/480 V rated value • at 575/600 V rated value 900 hp  • at 575/600 V rated value 900 hp  Contactor  size of contactor number of NO 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 1215 A mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact 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 maximum 8 contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage AC/DC	country of origin	USA
at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value 900 hp at 575/600 V rated value 900 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  1215 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 total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  AC/DC	Horsepower ratings	
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value  900 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  1215 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 total auxiliary contacts maximum  8  contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  AC/DC	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value  at 575/600 V rated value  Size of 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  perating voltage 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  type of voltage of the control supply voltage  AC/DC  NEMA controller size 8  3  600 V	• at 200/208 V rated value	0 hp
• 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  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  NEMA controller size 8  NEMA controller size 8  600 V	• at 220/230 V rated value	450 hp
size of 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 total auxiliary contacts maximum soundact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  NEMA controller size 8  8  600 V  1215 A  500000  1215 A  500000  1216 A  1217 A  1218 A	• at 460/480 V rated value	900 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  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  type of voltage of the control supply voltage  NEMA controller size 8  3  600 V	● at 575/600 V rated value	900 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  type of voltage of the control supply voltage  AC/DC	Contactor	
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  type of voltage of the control supply voltage  600 V  600	size of contactor	NEMA controller size 8
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 8 contact rating of auxiliary contacts of contactor according to UL 10A@240VAC (A300), 2.5A@250VDC (Q300)  Coil type of voltage of the control supply voltage  AC/DC	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  type of voltage of the control supply voltage  500000  1  1  1  1  1  1  1  1  1  1  1		600 V
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  AC/DC	operational current at AC at 600 V rated value	1215 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  1  1  10A@240VAC (A300), 2.5A@250VDC (Q300)		500000
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  1  1  10A@240VAC (A300), 2.5A@250VDC (Q300)  AC/DC	Auxiliary contact	
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  8  10A@240VAC (A300), 2.5A@250VDC (Q300)  AC/DC	number of NC contacts at contactor for auxiliary contacts	1
contact rating of auxiliary contacts of contactor according to UL  10A@240VAC (A300), 2.5A@250VDC (Q300)  type of voltage of the control supply voltage  AC/DC	number of NO contacts at contactor for auxiliary contacts	1
Coil type of voltage of the control supply voltage  AC/DC	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage AC/DC	contact rating of auxiliary contacts of contactor according to UL	10A@240VAC (A300), 2.5A@250VDC (Q300)
	Coil	
control supply voltage	type of voltage of the control supply voltage	AC/DC
	control supply voltage	
• at DC rated value 100 250 V	at DC rated value	100 250 V
• at AC at 50 Hz rated value 100 250 V	<ul> <li>at AC at 50 Hz rated value</li> </ul>	100 250 V
at AC at 60 Hz rated value     100 250 V	at AC at 60 Hz rated value	100 250 V

holding power at AC minimum	17 W
apparent pick-up power of magnet coil at AC	1900 VA
apparent holding power of magnet coil at AC	48 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	55 %
ON-delay time	50 80 ms
OFF-delay time	35 55 ms
Overload relay	
product function	
<ul> <li>overload protection</li> </ul>	Yes
phase failure detection	Yes
<ul> <li>asymmetry detection</li> </ul>	Yes
ground fault detection	Yes
• test function	Yes
external reset	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current- dependent overload release	400 1220 A
tripping time at phase-loss maximum	3 s
relative repeat accuracy	1%
product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay  • at AC at 600 V	5 A
• at DC at 250 V	1A
contact rating of auxiliary contacts of overload relay according to	5A@600VAC (B600), 1A@250VDC (R300)
UL	6. 18 000 07 10 15 000 07, 17 18 200 0 10 11 10 00 J
insulation voltage (Ui)	
<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
with multi-phase operation at AC rated value	300 V
Enclosure	
degree of protection NEMA rating	1
design of the housing	Indoor general purpose use
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	bus bar (M12 screws/bolts)
tightening torque [lbf-in] for supply	398 398 lbf·in
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded	1/0 AWG - 750 MCM
temperature of the conductor for supply maximum permissible	75 °C
type of electrical connection for load-side outgoing feeder	Bus Bar (M12 Screws/Bolts)
tightening torque [lbf·in] for load-side outgoing feeder  type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	398 398 lbf·in 1/0 AWG - 750 MCM
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
type of electrical connection of magnet coil	screw-type terminals
tightening torque [lbf-in] at magnet coil	7 10 lbf·in
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2 x (18 - 14 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	9 9 lbf·in
type of connectable conductor cross-sections at contactor at	2 x (18 - 14 AWG)
AWG cables for auxiliary contacts single or multi-stranded	

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	7 10 lbf-in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi-stranded	2 x (20 - 14 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	95kA@600V (Class D. or I.)
circuit required	85kA@600V (Class R or L)
	Thermal magnetic circuit breaker
circuit required	
circuit required design of the short-circuit trip	
circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)	Thermal magnetic circuit breaker
circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V	Thermal magnetic circuit breaker  0 kA
circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V	Thermal magnetic circuit breaker  0 kA 0 kA

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=US2:14PUN32BF

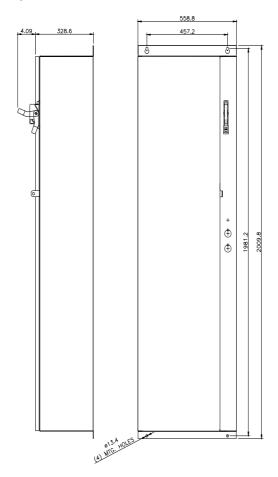
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

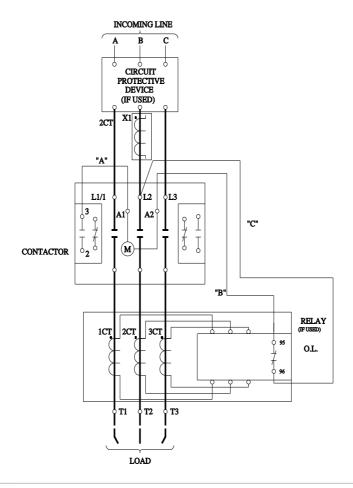
https://support.industry.siemens.com/cs/US/en/ps/US2:14PUN32BF

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14PUN32BF&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14PUN32BF&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14PUN32BF/certificate





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