## SIEMENS

## Data sheet

## US2:14EUE82BD



Non-reversing motor starter Size 1 3/4 Three phase full voltage Solid-state overload relay OLRelay amp range 10-40a 208VAC 60HZ coil Combination type Indoor general purpose use

product brand name         Class 14           design of the product         Full-voltage non-deresting motor statter           special product feature         ESP200 overload delay, Half-size statter           Canzert technical data         20 th           weight [b]         20 th           Height X With x Depth [in]         20 x 12 x 8 in           touch protection against electrical shock         (NA for enclosed products)           instatlation attitude [f] at height above sea level maximum         6560 ft           ambient temperature [F]	500	
special product feature         ESP200 overload relay; Half-size starter           General technical data         20 lb           Height x Width x Depth [in]         20 x 12 x 8 in           Buch protection against electrical shock.         (NA for enclosed products)           installation allutice [it] at height above sea level maximum         6660 ft           ambient temperature ['F]         -22 +149 "F           • during storage         -32 +46 °C           • during operation         -4 +104 "F           ambient temperature         -30 +65 °C           • during operation         -20 +40 °C           country of origin         USA           Horsepower ratings         -30 +65 °C           yielded mechanical performance [hp] for 3-phase AC motor         -           • at 200/208 V rated value         10 hp           • at 200/208 V rated value         15 hp           • at 40/48 V trated value         15 hp           • at 4575/600 V rated value         3           operating voltage for main contacts         0     <	product brand name	Class 14
Contract technical data       20 b         weight [b]       20 b         Height XWdh x Deph [in]       20 x 12 x 8 in         touch protection against electrical shock       (NA for enclosed products)         installation altitude [f] at height above sea level maximum       6600 ft         ambient temperature [F]       -         • during operation       -4	design of the product	Full-voltage non-reversing motor starter
weight [b]       20 lb         Height X Widh x Depth [in]       20 x 12 x 8 in         touch protection against electrical shock       (NA for enclosed products)         installation altitude [h] at height above sea level maximum       6660 ft         ambient temperature [F]       -22 +149 "F         • during storage       -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 200/208 V rated value       10 hp         • at 200/208 V rated value       10 hp         • at 200/208 V rated value       15 hp         • at 200/208 V rated value       10 hp         • at 200/200 V rated value       10 hp         • at 200/200 V rat	special product feature	ESP200 overload relay; Half-size starter
Height x Width x Deph [in]       20 × 12 × 8 in         fouch protection against electrical shock       (NA for enclosed products)         installation altitude [ft] at height above sea level maximum       666 oft         ambient temperature [FF]       -         • during storage       -22 +149 "F         • during storage       -22 +149 "F         • during operation       -4 + 104 "F         • during operation       -20 +46 "C         • during operation       -20 +40 "F         • during operation       -20 +40 "F         • during operation       -20 +40 "F         • during operation       -20 +40 "C         • during operation       -20 +40 "F         • during operation       -20 +40 "C         • during operation       -20 +40 "C         • during operation       -20 +40 "C         • at 202/230 V rated value       10 hp         • at 220/230 V rated value       10 hp         • at 460/480 V rated value       15 hp         Contactor       Controller half size 1 3/4         number of NC contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         mathet of NC contacts at contactor for auxiliary contacts       1	General technical data	
toch protection against electrical shock         (NA for enclosed products)           installation altitude [I] at height above sea level maximum         6600 ft           ambient temperature [F]         -           • during storage         -22 +149 "F           • during storage         -30 +65 "C           • during versition         -20 +40 "C           construct of rigin         USA           10 fsppower ratings         -940 "C           vielded mechanical performance [hp] for 3-phase AC motor         10 hp           • at 200/208 V rated value         10 hp           • at 40.480 V rated value         15 hp           • size of contactor         Contractor           size of contactor         Controller half size 1 3/4           number of NO contacts for main current circuit at AC at 60 Hz         600 V           maximum         600 V           operating voltage for main current circuit at AC at 60 Hz         10000000	weight [lb]	20 lb
installation altitude [ft] at height above sea level maximum       6560 ft         ambient temperature [FT]       -22 +149 "F         • during storage       -22 +149 "F         ambient temperature       -4 +104 "F         ambient temperature       -20 +40 °C         • during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       USA         Horsepower ratings	Height x Width x Depth [in]	20 × 12 × 8 in
ambient temperature ['F]       -22 +149 'F         • during storage       -22 +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       10 hp         • at 220/23 V rated value       10 hp         • at 220/23 V rated value       10 hp         • at 220/23 V rated value       15 hp         • at 460/480 V rated value       15 hp         • at 460/480 V rated value       16 hp         • at 400/208 V rated value       16 hp         • at 460/480 V rated value       16 hp         • at 460/480 V rated value       16 hp         • at 460/480 V rated value       16 hp         • at 400/480 V rated value       10 hp         • at 400/480 V rated value       10 hp         • at 400/480 V rated value       10 hp         • at 400/480 V rated value       40 A         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       10000000         typizial       10000000	touch protection against electrical shock	(NA for enclosed products)
during storage     eduring operation     eduring     eduring	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 <b>Horsepower ratings</b> 10 hp         vielded mechanical performance (hp) for 3-phase AC motor       10 hp         • at 200/208 V rated value       10 hp         • at 220/230 V rated value       10 hp         • at 450/480 V rated value       15 hp         • at 6575/600 V rated value       15 hp         • at 6757600 V rated value       16 hp         Contactor       Controller half size 1 3/4         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       0 portation al current at AC at 600 V rated value       40 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       10000000       Number of NO contacts at contactor for auxiliary contacts         number of NC contacts at contactor for auxiliary contacts       0       10000000         number of NC contacts at contactor for auxiliary contacts       1       10000000         number of NO contacts at contactor for auxiliary contacts       1       10000000         number of NO conta	ambient temperature [°F]	
ambient temperature       -30 +65 °C         • during storage       -20 +40 °C         country of origin       USA         Horsepower ratings       USA         yielded mechanical performance [hp] for 3-phase AC motor       • at 220/208 V rated value         • at 220/208 V rated value       10 hp         • at 220/208 V rated value       10 hp         • at 220/208 V rated value       15 hp         Contactor       Size of contactor         size of contactor       Controller half size 1 3/4         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       operating voltage for main current circuit at AC at 60 Hz         operating voltage for main current circuit at AC at 60 Hz       1000000         Vycial       Auxiliary contact         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	during storage	-22 +149 °F
• during storage       -30 +65 °C         • during operation       -20 +40 °C         county of origin       USA <b>Horspower ratings</b> USA         yielded mechanical performance [hp] for 3-phase AC motor       0 hp         • at 220/230 V rated value       10 hp         • at 460/480 V rated value       15 hp         • at 657/600 V rated value       15 hp         • at 657/600 V rated value       5 hp <b>Contactor</b> Controller half size 1 3/4         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       40 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       Auxiliary 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 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 according to UL       10A@600VAC (A600), 5A@600VDC (P600)	during operation	-4 +104 °F
• during operation       -20 +40 °C         country of origin       USA         Horsepower ratings	ambient temperature	
country of origin       USA         Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC motor         • at 200/208 V rated value       10 hp         • at 220/230 V rated value       10 hp         • at 220/230 V rated value       10 hp         • at 460/480 V rated value       15 hp         • at 575/600 V rated value       15 hp         Contactor       Controller half size 1 3/4         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       800 V         maximum       600 V         operating voltage for main current circuit at AC at 60 Hz       10000000         waximum       40 A         operational current at AC at 600 V rated value       40 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       number of NC contacts at contactor for auxiliary contacts       0         number of NC contacts at contactor for auxiliary contacts       1       1         number of NC contacts at contactor for auxiliary contacts       1       1         number of NC contacts at contactor for auxiliary contacts       1       1         number of NC contacts at contactor for auxiliary contacts       0       1	during storage	-30 +65 °C
Horsepower ratings         yielded mechanical performance [hp] for 3-phase AC motor         • at 200/208 V rated value       10 hp         • at 220/230 V rated value       10 hp         • at 460/480 V rated value       15 hp         • at 575/600 V rated value       15 hp         contactor       Size of contactor         size of contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       40 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       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 NC contacts at contactor for auxiliary contacts       1         number of NC contacts of contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Control supply voltage       AC         control supply voltage       AC         oth supply voltage       208 V         holding power at AC minimum       8.6 W	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor       10 hp         • at 200/208 V rated value       10 hp         • at 220/230 V rated value       10 hp         • at 460/480 V rated value       15 hp         • at 575/600 V rated value       15 hp         • at 575/600 V rated value       15 hp         size of contactor       Controller half size 1 3/4         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       operating cycles) of the main contacts         typical       40 A         mechanical service life (operating cycles) of the main contacts       10000000         typical       number of NC contacts at contactor for auxiliary contacts         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 NC contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC         control supply voltage       AC         e at AC at 60 Hz rated value       208 V         holding power at AC minimum       8.6 W </td <td>country of origin</td> <td>USA</td>	country of origin	USA
• at 200/208 V rated value10 hp• at 220/230 V rated value10 hp• at 460/480 V rated value15 hp• at 460/480 V rated value15 hp• at 575/600 V rated value15 hpContactorController half size 1 3/4number of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz600 Vmaximum00 Voperational current at AC at 600 V rated value40 Amechanical service life (operating cycles) of the main contacts10000000Auxiliary contact0number of NC contacts at contactor for auxiliary contacts1number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts maximum8control supply voltageACcontrol supply voltageACcontrol supply voltage208 Vholding power at AC nord supple voltage208 Vholding power of magnet coil at AC218 VA	Horsepower ratings	
• at 220/230 V rated value10 hp• at 460/480 V rated value15 hp• at 575/600 V rated value15 hpcontactorController half size 1 3/4number of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz600 Vmaximumoperating voltage for main current circuit at AC at 60 Hzoperational current at AC at 600 V rated value40 Amechanical service life (operating cycles) of the main contacts1000000Auxiliary contact0number of NC contacts at contactor for auxiliary contacts0number of NC contacts at contactor for auxiliary contacts1number of NC contacts at contactor for auxiliary contacts0number of NC contacts at contactor for auxiliary contacts1number of NC contacts at contactor for auxiliary contacts1number of NC contacts at contactor for auxiliary contacts1number of total auxiliary contacts of contactor according to UL10@@600VAC (A600), 5A@600VDC (P600)CoilControl supply voltage• at AC at 60 Hz rated value208 Vholding power at AC minimum8.6 Wapparent pick-up power of magnet coil at AC218 VA	yielded mechanical performance [hp] for 3-phase AC motor	
• at 460/480 V rated value       15 hp         • at 575/600 V rated value       15 hp         Contactor       Size of contactor         size of contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       operational current at AC at 600 V rated value       40 A         mechanical service life (operating cycles) of the main contacts       1000000         typical       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 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 total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC         control supply voltage       AC       208 V         holding power at AC minimum       8.6 W       8.6 W         apparent pick-up power of magnet coil at AC       218 VA	• at 200/208 V rated value	10 hp
• at 575/600 V rated value       15 hp         Contactor       Controller half size 1 3/4         number of NO contacts for 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       40 A         mechanical service life (operating cycles) of the main contacts       10000000         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 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       1         type of voltage of the control supply voltage       AC         e 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	• at 220/230 V rated value	10 hp
Contactor         size of contactor       Controller half size 1 3/4         number of NO contacts for 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       40 A         mechanical service life (operating cycles) of the main contacts       1000000         typical       1000000         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 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           type of voltage of the control supply voltage       AC         • 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 <td>• at 460/480 V rated value</td> <td>15 hp</td>	• at 460/480 V rated value	15 hp
size of contactor       Controller half size 1 3/4         number of NO contacts for 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       40 A         mechanical service life (operating 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 for on auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC         control supply voltage       AC         • 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	• at 575/600 V rated value	15 hp
number of NO contacts for 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       40 A         mechanical service life (operating 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 at contactor for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       type of voltage of the control supply voltage       AC         control supply voltage       AC         • 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	Contactor	
operating voltage for main current circuit at AC at 60 Hz600 Voperational current at AC at 600 V rated value40 Amechanical service life (operating 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 maximum8contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)CoilCoiltype of voltage of the control supply voltageACoutrol supply voltageACoutrol supply voltage208 Vholding power at AC at 60 Hz rated value208 Vholding power of magnet coil at AC218 VA	size of contactor	Controller half size 1 3/4
maximum       40 A         operational current at AC at 600 V rated value       40 A         mechanical service life (operating cycles) of the main contacts typical       10000000         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 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       10A@600VAC (A600), 5A@600VDC (P600)         Coil       1         type of voltage of the control supply voltage       AC         e 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	number of NO contacts for main contacts	3
mechanical service life (operating cycles) of the main contacts typical       10000000         Auxiliary contact       10000000         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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       1         type of voltage of the control supply voltage       AC         control supply voltage       208 V         holding power at AC minimum       8.6 W         apparent pick-up power of magnet coil at AC       218 VA		600 V
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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       1         type of voltage of the control supply voltage       AC         control supply voltage       208 V         holding power at AC minimum       8.6 W         apparent pick-up power of magnet coil at AC       218 VA	operational current at AC at 600 V rated value	40 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       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       10A@600VAC (A600), 5A@600VDC (P600)         control supply voltage       AC         • 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		1000000
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       10A@600VAC (A600), 5A@600VDC (P600)         Coil       Coil         type of voltage of the control supply voltage       AC         control supply voltage       208 V         holding power at AC minimum       8.6 W         apparent pick-up power of magnet coil at AC       218 VA	Auxiliary contact	
number of total auxiliary contacts maximum       8         contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       10A@600VAC (A600), 5A@600VDC (P600)         control supply voltage       AC         e 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	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       AC         type of voltage of the control supply voltage       AC         control supply voltage       208 V         holding power at AC minimum       8.6 W         apparent pick-up power of magnet coil at AC       218 VA	number of NO contacts at contactor for auxiliary contacts	1
Coil         type of voltage of the control supply voltage       AC         control supply voltage       at AC at 60 Hz rated value         • 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	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage       AC         control supply voltage       208 V         • 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		10A@600VAC (A600), 5A@600VDC (P600)
control supply voltage       208 V         • 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		AC.
• 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		
holding power at AC minimum8.6 Wapparent pick-up power of magnet coil at AC218 VA		208 V
apparent pick-up power of magnet coil at AC 218 VA		

operating range factor control supply voltage rated value of	0.85 1.1
magnet coil 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	
<ul> <li>overload protection</li> </ul>	Yes
<ul> <li>phase failure detection</li> </ul>	Yes
asymmetry detection	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	10 40 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	
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	C00.V/
with single-phase operation at AC rated value	600 V 300 V
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
Enclosure	Evtra wide
Enclosure design of the housing	Extra-wide
Enclosure design of the housing degree of protection NEMA rating of the enclosure	Extra-wide NEMA Type 1
Enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing	
Enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring	Extra-wide NEMA Type 1 Indoor general purpose use
Enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position	Extra-wide NEMA Type 1 Indoor general purpose use Vertical
Enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation
Enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position	Extra-wide NEMA Type 1 Indoor general purpose use Vertical
Enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG)
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C
Enclosure design of the housing degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         temperature of the conductor for load-side outgoing feeder         maximum permissible         maximum permissible         material of the conductor for load-side outgoing feeder	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG)
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables         for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         maximum permissible         material of the conductor for load-side outgoing feeder         type of electrical connection of magnet coil	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of electrical connection of magnet coil         temperature of the conductor for load-side outgoing feeder         type of electrical connection of magnet coil	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU screw-type terminals 5 12 lbf-in
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         type of electrical connection of magnet coil         temperature of the conductor for load-side outgoing feeder         maximum permissible         material of the conductor for load-side outgoing feeder         type of electrical connection of magnet coil         tightening torque [lbf-in] at magnet coil         type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 5 12 lbf in 2 x (16 - 12 AWG)
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables         for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         maximum permissible         material of the conductor for load-side outgoing feeder         type of electrical connection of magnet coil         tightening torque [lbf-in] at magnet coil         type of connectable conductor cross-sections of magnet coil for         AWG cables single or multi-stranded         temperature of the conductor at magnet coil maximum         permissible	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         type of electrical connection of magnet coil         type of electrical connection of magnet coil         temperature of the conductor for load-side outgoing feeder         maximum permissible         material of the conductor for load-side outgoing feeder         type of connectable conductor cross-sections of magnet coil         type of connectable conductor for load-side outgoing feeder         type of electrical connection of magnet coil         type of connectable conductor cross-sections of magnet coil for AWG cab	Extra-wide NEMA Type 1 Indoor general purpose use
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of electrical connection of magnet coil         tightening torque [lbf-in] at magnet coil         type of connectable conductor at magnet coil maximum         permissible         material of the conductor at magnet coil         type of electrical connection for auxiliary contacts	Extra-wide NEMA Type 1 Indoor general purpose use
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables         for load-side outgoing feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         type of electrical connection of magnet coil         type of electrical connection of magnet coil         type of connectable conductor cross-sections of magnet coil for         AWG cables single or multi-stranded         temperature of the conductor at magnet coil         type of electrical connection for auxiliary contacts         temperature of the conduct	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf-in 1x(14 - 2 AWG) 75 °C AL or CU screw-type terminals 5 12 lbf-in 2 x (16 - 12 AWG) 75 °C CU screw-type terminals 10 15 lbf-in
Enclosure         design of the housing         degree of protection NEMA rating of the enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side         tightening torque [lbf-in] for supply         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of electrical connection of magnet coil         tightening torque [lbf-in] at magnet coil         type of connectable conductor at magnet coil maximum         permissible         material of the conductor at magnet coil         type of electrical connection for auxiliary contacts	Extra-wide NEMA Type 1 Indoor general purpose use Vertical Surface mounting and installation Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU Screw-type terminals 45 45 lbf·in 1x(14 - 2 AWG) 75 °C AL or CU screw-type terminals 5 12 lbf·in 2 x (16 - 12 AWG) 75 °C CU screw-type terminals

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 for 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 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	

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=US2:14EUE82BD

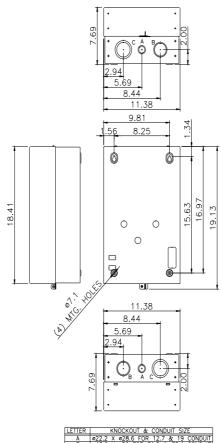
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:14EUE82BD

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14EUE82BD&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14EUE82BD/certificate





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