## SIEMENS

## Data sheet

Figure similar

## US2:14DP12AG81



Non-reversing motor starter, Size 1, Single phase, 2-pole, Amb compensate bimetal OLrelay Contactor amp rating 27Amp 190 220/220 240V 50/60HZ coil, Non-combination type, Enclosure type (open), No enclosure

product brand name     Class 14 & 22       design of the product     Full-voltage non-reversing motor starter       General technical data     3.5 lb       weight [lb]     3.5 lb       Height x Width x Depth [in]     7.45 × 5.75 × 3.89 in       touch protection against electrical shock     Not finger-safe       installation altitude [IF]     6560 ft       • during operation     -4+104 °F       • during operation     -22+149 °F       • during storage     -30+65 °C       • during operation     -20+40 °C       motor     -20+40 °C       motor     -20+40 °C       weight     15 V rated value       • at 200/280 V rated value     3 hp       • at 200/280 V rated value     3 hp       Contactor     Ste of contactor for main contacts       sto perating voltage for main current circuit at AC at 60 Hz     240 V       maximum     additiony contacts for main contacts       operating voltage for main current circuit at AC at 60 Hz     240 V       maximum     8       number of NC contacts at contactor for auxiliary contacts     0		
General technical data       3.5 lb         Weight [Ib]       3.5 lb         Height x Widh x Depht [in]       7.45 x 5.75 x 3.89 in         Not finger-safe       0650 ft         installation allitude [If] 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         outry of origin       Mexico         Horsepower ratings       yielded mechanical performance [hp] for single-phase AC motor         • at 100 Yrated value       2 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       2 hp         operating voltage for main current circuit at AC at 60 Hz main contacts       2 40 V         maximum       0         operating voltage for main current circuit at AC at 60 Hz main contacts       1         momber of NC contacts at contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts	product brand name	Class 14 & 22
weight [tb]     3.5 lb       Height x Width x Depth [in]     7.45 x 5.75 x 3.89 in       touch protection against electrical shock     Not finger-safe       installation altitude [t] at height above sea level maximum     6560 ft       • during storage     -22 x149 °F       • during operation     -30 +65 °C       • during operation     -30 +65 °C       • during operation     -20 +40 °C       • during operation     -20 +40 °C       • during operation     -20 +40 °C       • during operation     -20 +65 °C       • during operation     -20 +40 °C       • at 200/208 V rated value     2 hp       • at 200/208 V rated value     2 hp       • at 200/20 V rated value     2 hp       • at 200/20 V rated value     2 lo V       mechanical service life (operating cycles) of the main     10000000       contracts typical     -20 V       Auxillary	design of the product	Full-voltage non-reversing motor starter
Height x Width x Depth [in]       7.45 x 5.75 x 3.89 in         Not finger-safe       Not finger-safe         installation altitude [i] at height above sea level maximum       6560 ft         ambient temperature ['F]       -22 +149 'F         • during storage       -30 +65 °C         • during operation       -4 +104 'F         ambient temperature       -30 +65 °C         • during operation       -20 +40 'C         country of origin       Mexico         Horseower ratings         yielded mechanical performance [hp] for single-phase AC motor         • at 115 V rated value       2 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         size of contactor       NEMA controller size 1         number of NC contacts for main current circuit at AC at 60 Hz       240 V         maximum       27 A         mechanical service life (operating cycles) of the main contacts 1       10000000         contacts typical       0         Auxiliary contacts at contactor for auxiliary contacts 1       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 N	General technical data	
touch protection against electrical shock         Not finger-safe           installation altitude [II] at height above sea level maximum         6660 ft           ambient temperature [IT]         -           • during storage         -22 +149 "F           • during operation         -4 +104 "F           ambient temperature [IT]         -           • during storage         -30 +65 °C           • during operation         -20 +40 °C           • during operation         -20 +40 °C           • during of origin         Mexico           Horsepower ratings         -           yielded mechanical performance [hp] for single-phase AC motor         -           • at 115 V rated value         2 hp           • at 200/208 V rated value         3 hp           • at 200/208 V rated value         2 hp           • at 200/208 V rated value         2 40 V           maximum         22 40 V           maximum         27 A           number of NC contacts for main contacts         2 7 A           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 cont	weight [lb]	3.5 lb
installation altitude [tf] 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 storage       -30 +65 "C         • during operation       -22 +40 "C         moting operation       -20 +40 "C         country of origin       Mexico         Mexico         Mexico         Not the state s	Height x Width x Depth [in]	7.45 × 5.75 × 3.89 in
ambient temperature [F]       -22 +149 °F         • 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       Mexico         Horsepower ratings         yielded mechanical performance [hp] for single-phase AC motor         • at 115 V rated value       2 hp         • at 200/208 V rated value       3 hp         Contactor         size of contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz maximum       240 V         operating voltage for main current circuit at AC at 60 Hz maximum       27 A         operational current at AC at 600 V rated value       27 A         momber of NC contacts at contactor for auxiliary contacts       10000000         number of NC contacts at contactor for auxiliary contacts       1         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 at contactor for auxiliary contacts       1	touch protection against electrical shock	Not finger-safe
• during storage       -22 +149 °F         • during storage       -30 +65 °C         • during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       Mexico         Mexico         Mexico         etail 15 V rated value       2 hp         • at 115 V rated value       2 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       2 hp         • at 200 V contacts for main contracts       2         operating voltage for main contracts       2         operating voltage for main current circuit at AC at 60 Hz       10000000         maximum       0 contacts at contactor for auxiliary contacts       1         number of NC contacts at contactor for auxiliary contacts       1         number of NC 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       Mexico         Horsepower ratings         yielded mechanical performance [hp] for single-phase AC motor         • at 115 V rated value       2 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         • at 220/230 V rated value       2 2         operating voltage for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       240 V         maximum       0         operating voltage for main current discuite for ensuliary contacts       0         number of NC contacts at contactor for auxiliary contacts       0         number of NC contacts at contactor for auxiliary contacts       0         number of NC contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         to UL       0       10A@600VAC (A600), 5A@600VDC (P600) </td <td>ambient temperature [°F]</td> <td></td>	ambient temperature [°F]	
ambient temperature       - during storage       -30 +65 °C         - during operation       -20 +40 °C         country of origin       Mexico         Horsepower ratings         yielded mechanical performance [hp] for single-phase AC motor         - at 115 V rated value       2 hp         - at 200/208 V rated value       3 hp         - at 200/208 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 220/230 V rated value       3 hp         - at 200/208 V rated value       3 hp         - contactor       NEMA controller size 1         number of NO contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       240 V         maximum       0       27 A         operational current at AC at 600 V rated value       27 A         number of NO contacts at contactor for auxiliary contacts       0         number of NO 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       0         number of NO contacts at contactor for auxiliary contacts       1         number of NO contacts at contactor for auxiliary contacts       1 </td <td><ul> <li>during storage</li> </ul></td> <td>-22 +149 °F</td>	<ul> <li>during storage</li> </ul>	-22 +149 °F
• during storage       -30 +65 °C         • during operation       -20 +40 °C         country of origin       Mexico         Horsepower ratings         yielded mechanical performance [hp] for single-phase AC motor         • at 115 V rated value       2 hp         • at 200/208 V rated value       3 hp         • at 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 220/230 V rated value       2 ////////////////////////////////////	<ul> <li>during operation</li> </ul>	-4 +104 °F
• during operation       -20 +40 °C         country of origin       Mexico         Horsepower ratings	ambient temperature	
country of origin       Mexico         Horsepower ratings	<ul> <li>during storage</li> </ul>	-30 +65 °C
Horsepower ratings         yielded mechanical performance [hp] for single-phase AC motor         • at 115 V rated value       2 hp         • at 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp         Contactor         size of contactor       NEMA controller size 1         number of NO contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       240 V         maximum       27 A         operational current at AC at 600 V rated value       27 A         mechanical service life (operating cycles) of the main contacts typical       0         number of NC contacts at contactor for auxiliary contacts       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 of contact raccording to UL       10A@600VAC (A600), 5A@600VDC (P600)         colt       1         voltage of the control supply voltage       AC         control supply voltage       AC         control supply voltage       4C         e at AC at 50 Hz rated value       190 220 V        • at AC at 50 Hz rated value       <	<ul> <li>during operation</li> </ul>	-20 +40 °C
yielded mechanical performance [hp] for single-phase AC motor <ul> <li>at 115 V rated value</li> <li>at 200/208 V rated value</li> <li>bp</li> <li>at 220/230 V rated value</li> <li>bp</li> </ul> • at 220/230 V rated value         3 hp           • at 220/230 V rated value         3 hp           Contactor              size of contactor number of NC contacts for main contacts         2           operating voltage for main current circuit at AC at 60 Hz maximum           operational current at AC at 600 V rated value         27 A           mechanical service life (operating cycles) of the main contacts typical         10000000           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 of contactor according to UL             contact rating of auxiliary contacts of contactor according to UL              10A@@600VAC (A600), 5A@600VDC (P600)           colit              type of voltage of the control supply voltage control supply voltage             • at AC at 50 Hz rated value              190 220 V             • at AC at 50 Hz rated value           • at AC at 50 Hz rated value              220 240 V             • AC withing power at AC minimum              8.6 W	country of origin	Mexico
motor       • at 115 V rated value       2 hp         • at 200/208 V rated value       3 hp         • at 200/230 V rated value       3 hp         • at 220/230 V rated value       3 hp         • at 220/230 V rated value       3 hp <b>Contactor</b> NEMA controller size 1         number of NO contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       240 V         maximum       operational current at AC at 600 V rated value       27 A         operatinal current at AC at 600 V rated value       27 A         mother of NC contacts at contactor for auxiliary 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 NO contacts at contactor for auxiliary contacts       0         number of NO contacts of contacts of contactor according       10A@600VAC (A600), 5A@600VDC (P600)         to UL       Coll       V         via AC at 50 Hz rated value       190 220 V         • at AC at 50 Hz rated value       190 220 V         • at AC at 60 Hz rated value       220 240 V         • bolding power at AC minimum	Horsepower ratings	
• at 200/208 V rated value       3 hp         • at 220/230 V rated value       3 hp         Contactor       size of contactor         number of NO contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       240 V         maximum       operating voltage for main current circuit at AC at 60 Hz         operating voltage for main current at AC at 600 V rated value       27 A         mechanical service life (operating 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       8         Coll       Vertice         value       4C         control supply voltage       AC         control supply voltage       4C         e at AC at 50 Hz rated value       190 220 V         e at AC at 60 Hz rated value       220 240 V         holding power at AC minimum<		
• at 220/230 V rated value3 hpContactorNEMA controller size 1number of NO contacts for main contacts2operating voltage for main current circuit at AC at 60 Hz240 Vmaximumaradimumoperational current at AC at 600 V rated value27 Amechanical service life (operating cycles) of the main contacts typical1000000Auxiliary contact0number of NC contacts at contactor for auxiliary contacts0number of NC contacts at contactor for auxiliary contacts1number of NO contacts at contactor for auxiliary contacts1number of NC contacts at contactor for auxiliary contacts1number of ND contacts at contactor for auxiliary contacts1number of NC contacts at contacts of contactor according10A@600VAC (A600), 5A@600VDC (P600)to UL	<ul> <li>at 115 V rated value</li> </ul>	2 hp
Contactor         size of contactor       NEMA controller size 1         number of NO contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       240 V         maximum       27 A         operational current at AC at 600 V rated value       27 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 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 of 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       AC         e at AC at 50 Hz rated value       190 220 V         • at AC at 60 Hz rated value       220 240 V         • at AC at 60 Hz rated value       8.6 W	<ul> <li>at 200/208 V rated value</li> </ul>	3 hp
size of contactor       NEMA controller size 1         number of NO contacts for main contacts       2         operating voltage for main current circuit at AC at 60 Hz       240 V         maximum       2         operational current at AC at 600 V rated value       27 A         mechanical service life (operating cycles) of the main contacts typical       1000000         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 contact of ro auxiliary contacts       1         number of NO contacts at contact for auxiliary contacts       1         number of NO contacts at contact of for auxiliary contacts       1         number of NO contacts at contact of for auxiliary contacts       1         number of total auxiliary contacts of contact raccording to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coil       Coil         type of voltage of the control supply voltage       AC         eontrol supply voltage       190 220 V         e at AC at 50 Hz rated value       190 220 V         e at AC at 60 Hz rated value       220 240 V         holding power at AC minimum       8.6 W	<ul> <li>at 220/230 V rated value</li> </ul>	
number of NO contacts for main contacts2operating voltage for main current circuit at AC at 60 Hz maximum240 Voperational current at AC at 600 V rated value mechanical service life (operating cycles) of the main contacts typical27 A <b>Auxiliary contact</b> 10000000 <b>Auxiliary contact</b> 0number of NC contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of NO contacts at contactor for auxiliary contacts0number of NO contacts at contactor for auxiliary contacts1number of total auxiliary contacts of contacts according to UL10A@600VAC (A600), 5A@600VDC (P600) <b>Coil</b> ACtype of voltage of the control supply voltage control supply voltageAC• at AC at 50 Hz rated value190 220 V• at AC at 60 Hz rated value220 240 V• holding power at AC minimum8.6 W	Contactor	
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maximumoperational current at AC at 600 V rated value27 Amechanical service life (operating cycles) of the main contacts typical1000000Auxiliary contact0number 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 voltage control supply voltageACe at AC at 50 Hz rated value190 220 Ve at AC at 60 Hz rated value220 240 Vholding power at AC minimum8.6 W	number of NO contacts for main contacts	2
mechanical service life (operating cycles) of the main contacts typical1000000Auxiliary contact1number 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 UL0CoilACCoilCoiltype of voltage of the control supply voltage control supply voltageAC• at AC at 50 Hz rated value190 220 V 220 240 V 8.6 W		240 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       8         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         e at AC at 50 Hz rated value       190 220 V         e at AC at 60 Hz rated value       220 240 V         holding power at AC minimum       8.6 W	operational current at AC at 600 V rated value	27 A
number of NC contacts at contactor for auxiliary contacts       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         type of voltage of the control supply voltage         e at AC at 50 Hz rated value       190 220 V         e at AC at 60 Hz rated value       220 240 V         holding power at AC minimum       8.6 W		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       10A@600VAC (A600), 5A@600VDC (P600)         to UL       10A@600VAC (A600), 5A@600VDC (P600)         coil       Coil         type of voltage of the control supply voltage       AC         control supply voltage       190 220 V         e at AC at 50 Hz rated value       190 220 V         e at AC at 60 Hz rated value       220 240 V         holding power at AC minimum       8.6 W	Auxiliary contact	
number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL8 10A@600VAC (A600), 5A@600VDC (P600)Coiltype of voltage of the control supply voltage control supply voltage • at AC at 50 Hz rated valueAC• at AC at 50 Hz rated value190 220 V 220 240 V 8.6 W	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL10A@600VAC (A600), 5A@600VDC (P600)Coiltype of voltage of the control supply voltage control supply voltage • at AC at 50 Hz rated valueACat AC at 50 Hz rated value190 220 V• at AC at 60 Hz rated value220 240 Vholding power at AC minimum8.6 W	number of NO contacts at contactor for auxiliary contacts	1
to UL Coil type of voltage of the control supply voltage at AC at 50 Hz rated value at AC at 60 Hz rated value block at AC at 60 Hz rated value AC Control supply voltage Control supply voltage AC Control supply voltage Control supp	number of total auxiliary contacts maximum	8
Coil         type of voltage of the control supply voltage       AC         control supply voltage       190 220 V         • at AC at 50 Hz rated value       190 220 V         • at AC at 60 Hz rated value       220 240 V         holding power at AC minimum       8.6 W	contact rating of auxiliary contacts of contactor according	10A@600VAC (A600), 5A@600VDC (P600)
type of voltage of the control supply voltageACcontrol supply voltage190 220 V• at AC at 50 Hz rated value190 220 V• at AC at 60 Hz rated value220 240 Vholding power at AC minimum8.6 W	to UL	
control supply voltage• at AC at 50 Hz rated value190 220 V• at AC at 60 Hz rated value220 240 Vholding power at AC minimum8.6 W	Coil	
• at AC at 50 Hz rated value190 220 V• at AC at 60 Hz rated value220 240 Vholding power at AC minimum8.6 W	type of voltage of the control supply voltage	AC
• at AC at 60 Hz rated value 220 240 V holding power at AC minimum 8.6 W	control supply voltage	
holding power at AC minimum 8.6 W	<ul> <li>at AC at 50 Hz rated value</li> </ul>	190 220 V
	<ul> <li>at AC at 60 Hz rated value</li> </ul>	
apparent pick-up power of magnet coil at AC 218 VA	holding power at AC minimum	
	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	0.85 1.1
of magnet coil	F0.0/
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	N/
overload protection	Yes
test function	Yes
external reset	No Manual and automatic
reset function	Manual and automatic 0.85 1.15
adjustment range of thermal overload trip unit	1
number of NC contacts of auxiliary contacts of overload relay	
number of NO contacts of auxiliary contacts of overload	0
relay	
operational current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
• at DC at 250 V	5 A
contact rating of auxiliary contacts of overload relay	5A@600VAC (B600), 5A@250VDC (P300)
according to UL	
Enclosure	
degree of protection NEMA rating	Open device (no enclosure)
design of the housing	NA
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
tightening torque [lbf·in] for supply	35 35 lbf·in
temperature of the conductor for supply maximum	75 °C
permissible	
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	2x (16 12 AWG)
coil at AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum	75 °C
permissible	15 0
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	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
at AWG cables for auxiliary contacts single or multi-	
stranded	
temperature of the conductor at contactor for auxiliary	75 °C
contacts maximum permissible	CU
material of the conductor at contactor for auxiliary contacts	
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at overload relay for auxiliary	5 12 lbf·in
contacts	
type of connectable conductor cross-sections at overload	2x (16 12 AWG)
relay at AWG cables for auxiliary contacts single or multi-	
stranded	75.90
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary	CU
contacts	
Short-circuit current rating	
design of the fuse link for short-circuit protection of the	10kA@600V (Class H or K); 100kA@600V (Class R or J)
main circuit required	
design of the short-circuit trip	Thermal magnetic circuit breaker
•	

maximum short-circuit current breaking capacity (Icu)

<b>0</b> 1	
• at 240 V	14 kA
• at 480 V	10 kA
• at 600 V	10 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14

**Further information** 

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14DP12AG81

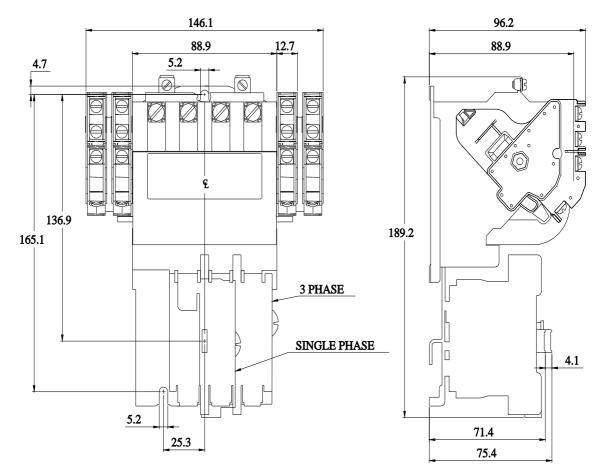
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

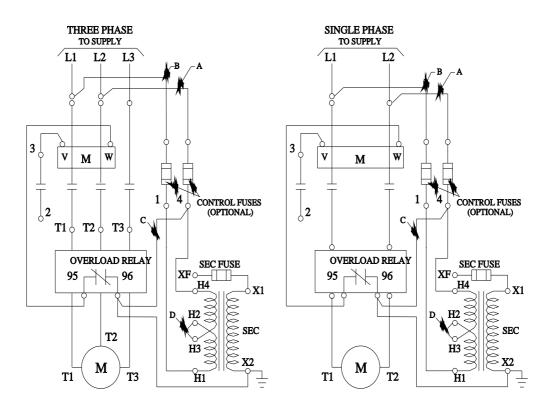
https://support.industry.siemens.com/cs/US/en/ps/US2:14DP12AG81

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14DP12AG81&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14DP12AG81/certificate





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