# **SIEMENS**

### Data sheet

## US2:14HP82WA81

Non-reversing motor starter Size 3 Three phase full voltage Amb compensate bimetal OLrelay Contactor amp rating 90 AMP Noncombination type Encl NEMA type 4X 304 S-steel Water/dust tight non-corrosive Extra-wide enclosure



Figure similar

| General technical data                                       |                          |
|--|--------------------------|
| Weight [lb]  | 48.5 lb                  |
| Height x Width x Depth [in]                                  | 26 × 13 × 8 in           |
| Protection against electrical shock                          | NA for enclosed products |
| Installation altitude [ft] at height above sea level maximum | 6560 ft                  |
| Ambient temperature [°F] during storage                      | -22 +149 °F              |
| Ambient temperature [°F] during operation                    | -4 +104 °F               |
| Ambient temperature during storage                           | -30 +65 °C               |
| Ambient temperature during operation                         | -20 +40 °C               |
| Country of origin  | USA                      |
| Horsepower ratings   |                          |
| Yielded mechanical performance [hp] for three-phase AC motor |                          |
| • at 200/208 V rated value                                   | 25 hp                    |
| • at 220/230 V rated value                                   | 30 hp                    |
| • at 460/480 V rated value                                   | 50 hp                    |

| • at 575/600 V r | ated value |
|------------------|------------|
|------------------|------------|

50 hp

| Contactor         3           Operating voltage for main contracts         3           Operating voltage for main current circuit at AC at 60         400 V           Hz maximum         600 V           Operating current at AC at 600 V rated value         90 A           Mechanical service life (switching cycles) of the main contacts lypical         5000000           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           Contact rating of auxiliary contacts di contactor         10A@600VAC (A600), 5A@600VDC (P600)           according to UL         0         0           Control supply voltage         AC           Control supply voltage         0         0           • at DC rated value         0         0 V           • at AC at 50 Hz rated value         0         0 V V           • dolding power of magnet coil at AC         26 V.A         0           Operating range factor control supply voltage rated value         0.85 1.1         0           • at C at 60 Hz rated value         0.85 1.1         0         0           Operating range factor control supp  | • at 575/600 V rated value                     | 50 np                               |
|---|--|-------------------------------------|
| Number of NO contacts for main current circuit at AC at 60     600 V       Operating voltage for main current circuit at AC at 60     600 V       Operating current at AC at 600 V rated value     90 A       Mechanical service life (switching cycles) of the main contacts typical     5000000       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 NO contacts at contactor for auxiliary contacts     1       Number of NO contacts at contactor for auxiliary contacts of contactor according to UL     0       Contact     10A@600VAC (A600), 5A@600VDC (P600)       Control supply voltage     AC       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     0 0 V       • at AC at 50 Hz rated value     50 %       • briggenet coil at AC     26 VA       Operating range factor control supply voltage rated value     0 0 V <tr< td=""><td>Contactor</td><td></td></tr<>   | Contactor                                      |                                     |
| Hz maximum       90 A         Operating current at AC at 600 V rated value       90 A         Mechanical service life (switching cycles) of the main contacts typical       5000000         Auxiliary contact       0         Auxiliary contact       0         Number of NC contacts at contactor for auxiliary contacts       1         Number of NO contacts at contactor for auxiliary contacts of contactor according to U.       1         Contact rating of auxiliary contacts of contactor according to U.       10A@600VAC (A600), 5A@600VDC (P600)         Control supply voltage       AC         Control supply voltage       0 0 V         • at AC at 60 Hz rated value       0 0 V         • at AC at 60 Hz rated value       0 0 V         • at AC at 60 Hz rated value       10 0 V         • at AC at 60 Hz rated value       0 0 V         • at AC at 60 Hz rated value       0 0 V         • at AC at 60 Hz rated value       10 0 V         • at AC at 60 Hz rated value       50 %         Operating range factor control supply voltage rated value       300 V.A         Apparent pick-up power of magnet coil at AC       310 V.A         Apparent pick-up power of magnet coil related to the input voltage       50 %         Overload propoction       Yes         • Torduct fun   |  | 3                                   |
| Mechanical service life (switching cycles) of the main<br>contacts typical         5000000           Auxiliary contact         0           Number of NC contacts at contactor for auxiliary<br>contacts         0           Number of NO contacts at contactor for auxiliary<br>contacts         1           Number of NO contacts at contacts of contactor<br>according to UL         7           Contact rating of auxiliary contacts of contactor<br>according to UL         10A@600VAC (A600), SA@600VDC (P600)           Colt         Type of voltage of the control supply voltage         AC           Contor tarting of auxiliary contacts and contacts of contactor<br>according to UL         0 0 V           • at DC rated value         0 0 V         • at AC at 50 Hz rated value           • at AC at 50 Hz rated value         0 0 V         • at AC at 50 Hz rated value           • at AC at 50 Hz rated value         0 0 V         • at AC at 50 Hz rated value           • at AC at 50 Hz rated value         0 0 V         • at AC at 50 Hz rated value           • out of the input voltage of magnet coil at AC         26 VA         0.0.0 V           Apparent holding power of magnet coil at AC         26 VA         0.85 1.1           Operating range factor control supply voltage rated<br>value of magnet coil         26 41 ms         0.1.0 V           Off-delay time         26 41 ms         0.1.0 V <td< td=""><td></td><td>600 V</td></td<> |  | 600 V                               |
| contacts typical         Image: Contact typical           Auxiliary contacts         0           Number of NC contacts at contactor for auxiliary contacts         1           Number of NO contacts at contactor for auxiliary contacts         1           Number of total auxiliary contacts maximum         7           Contact rating of auxiliary contacts of contactor according to UL         10A@600VAC (A600), 5A@600VDC (P600)           Control supply voltage         AC           Control supply voltage         AC           Control supply voltage         0           • at DC rated value         0           • at AC at 60 Hz rated value         10           • at AC at 50 Hz rated value         0 0 V           • at AC at 50 Hz rated value         0 0 V           • at AC at 50 Hz rated value         0 0 V           • at AC at 50 Hz rated value         0 0 V           • at AC at 50 Hz rated value         0 0 V           • at AC at 50 Hz rated value         0 0 V           • at AC at 50 Hz rated value         0 0 V           • at AC at 50 Hz rated value         0 0 V           • ad AC at 50 Hz rated value         0 0 V           • ad AC at 50 Hz rated value         0 0 V           • ad AC at 50 Hz rated value         0 0 V   | Operating current at AC at 600 V rated value   | 90 A                                |
| Number of NC contacts at contactor for auxiliary contacts       0         Number of NO contacts at contactor for auxiliary contacts       1         Number of total auxiliary contacts maximum       7         Contact rating of auxiliary contacts of contactor according to UL       10A@600VAC (A600), 5A@600VDC (P600)         Coll       00 V         Control supply voltage       AC         • at DC rated value       00 V         • at AC at 60 Hz rated value       00 V         • at AC at 50 Hz rated value       00 V         • at AC at 50 Hz rated value       00 V         Holding power at AC minimum       14 W         Apparent pick-up power of magnet coil at AC       310 V.A         Apparent pick-up power of magnet coil related value       050 %         Percental drop-out voltage of magnet coil related to the input voltage       50 %         Switch-on delay time       2641 ms         Off-delay time       14 19 ms         Overload protection       Yes         • Deveload protection       Yes         • External reset       Yes         Reset function       Manual and automatic         Adjustment range of thermal overload trip unit       0.85 1.15         Number of NO contacts of auxiliary contacts of       0  |  | 500000                              |
| contacts         Image           Number of NO contacts at contactor for auxiliary contacts         1           Number of total auxiliary contacts maximum         7           Contact rating of auxiliary contacts of contactor according to UL         10A@600VAC (A600), 5A@600VDC (P600)           Colt         Type of voltage of the control supply voltage         AC           Contact rating of auxiliary contacts of contactor         0 0 V           • at DC rated value         0 0 V           • at Cat 60 Hz rated value         0 0 V           • at Cat 60 Hz rated value         0 0 V           • at Cat 60 Hz rated value         0 0 V           • at Cat 60 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated value         0 0 V           • at Cat 50 Hz rated valu   | Auxiliary contact                              |                                     |
| contacts         Product rating of auxiliary contacts of contactor according to UL         7           Contact rating of auxiliary contacts of contactor according to UL         10A@600VAC (A600), 5A@600VDC (P600)           Coll         Control supply voltage         AC           Control supply voltage         00 V         00 V           • at DC rated value         00 V         00 V           • at AC at 60 Hz rated value         00 V         00 V           • bid Dig power at AC minimum         14 W         400           Apparent pick-up power of magnet coil at AC         26 V-A         26 V-A           Operating range factor control supply voltage rated value         0.% 0.%         00           Value of magnet coil         26 V-A         26 V-A           Operating range factor control supply voltage rated value         0.% 0.%         00           Value of magnet coil         26 V-A         00           Overload protection         26 V-A         00           Value of magnet coil         26 V-A         00           Overload protection         26 V-A         00           Value of magnet coil related to the input voltage of magnet coil related to the input voltage of protection         2641 ms         01           Overload protection         Yes  | -  | 0                                   |
| Contact rating of auxiliary contacts of contactor<br>according to UL         10A@600VAC (A600), 5A@600VDC (P600)           Type of voltage of the control supply voltage         AC           Control supply voltage         at DC rated value           • at DC rated value         0 0 V           • at AC at 60 Hz rated value         110 240 V           • at AC at 50 Hz rated value         0 0 V           Holding power at AC minimum         14 W           Apparent pick-up power of magnet coil at AC         310 V-A           Operating range factor control supply voltage rated         value of magnet coil           Percental drop-out voltage of magnet coil related to<br>the input voltage         50 %           Switch-on delay time         26 41 ms           Off-delay time         14 19 ms           Overload protection         Yes           • Cverload protection         Yes           • External reset         Yes           Reset function         Manual and automatic           Adjustment range of thermal overload trip unit         0.85 1.15           Number of NO contacts of auxiliary contacts of         0  | -  | 1                                   |
| according to UL.       Coll         Type of voltage of the control supply voltage       AC         Control supply voltage       0 0 V         • at DC rated value       0 0 V         • at AC at 60 Hz rated value       110 240 V         • at AC at 50 Hz rated value       0 0 V         Holding power at AC minimum       14 W         Apparent pick-up power of magnet coil at AC       310 V-A         Apparent holding power of magnet coil at AC       26 V-A         Operating range factor control supply voltage rated value       0.85 1.1         Percental drop-out voltage of magnet coil related to the input voltage       50 %         Switch-on delay time       26 41 ms         Off-delay time       14 19 ms         Overload protection       Yes         • Cverload protection       Yes         • External reset       Yes         Reset function       0.85 1.15         Number of NC contacts of auxiliary contacts of overload relay       3  | Number of total auxiliary contacts maximum     | 7                                   |
| Type of voltage of the control supply voltage       AC         Control supply voltage       0 0 V         • at DC rated value       110 240 V         • at AC at 60 Hz rated value       0 0 V         • at AC at 50 Hz rated value       0 0 V         Holding power at AC minimum       14 W         Apparent pick-up power of magnet coil at AC       310 V:A         Apparent holding power of magnet coil at AC       26 V:A         Operating range factor control supply voltage rated value       0.85 1.1         Value of magnet coil       26 41 ms         Off-delay time       26 41 ms         Off-delay time       14 19 ms         Overload protection       Yes         • Test function       Yes         • External reset       Yes         Reset function       0.85 1.15         Number of NC contacts of auxiliary contacts of overload trip unit       0.85 1.15  |  | 10A@600VAC (A600), 5A@600VDC (P600) |
| Control supply voltage• at DC rated value0 0 V• at AC at 60 Hz rated value110 240 V• at AC at 50 Hz rated value0 0 VHolding power at AC minimum14 WApparent pick-up power of magnet coil at AC26 V-AOperating range factor control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage50 %Switch-on delay time26 41 msOff-delay time14 19 msOverload protection<br>• Test function<br>• External resetYesReset function<br>• External range of thermal overload trip unit<br>Adjustment range of thermal overload trip unit<br>Adjustment range of thermal overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay0Number of NO contacts of auxiliary contacts of<br>overload relay0  | Coil   |                                     |
| • at DC rated value0 0 V• at AC at 60 Hz rated value110 240 V• at AC at 50 Hz rated value0 0 VHolding power at AC minimum14 WApparent pick-up power of magnet coil at AC310 V-AApparent holding power of magnet coil at AC26 V-AOperating range factor control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage50 %Switch-on delay time26 41 msOff-delay time14 19 msOverload relayYesProduct function<br>• External resetYesReset function<br>• External range of thermal overload trip unit<br>Adjustment range of thermal overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay0Number of NO contacts of auxiliary contacts of<br>overload relay0   | Type of voltage of the control supply voltage  | AC                                  |
| • at AC at 60 Hz rated value110 240 V• at AC at 50 Hz rated value0 0 VHolding power at AC minimum14 WApparent pick-up power of magnet coil at AC310 V-AApparent holding power of magnet coil at AC26 V-AOperating range factor control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage50 %Switch-on delay time26 41 msOff-delay time14 19 msOverload relayYesProduct function<br>• Overload protectionYesPest function<br>• External resetYesReset function<br>• Adjustment range of thermal overload trip unit<br>Adjustment range of thermal overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay3Number of NO contacts of auxiliary contacts of<br>overload relay0  | Control supply voltage                         |                                     |
| • at AC at 50 Hz rated value0 0 VHolding power at AC minimum14 WApparent pick-up power of magnet coil at AC310 V-AApparent holding power of magnet coil at AC26 V-AOperating range factor control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage0.8 41 msOff-delay time26 41 msOff-delay time14 19 msOverload relayYesProduct function<br>• External resetYesReset functionYesAgustment range of thermal overload trip unit0.85 1.15Number of NO contacts of auxiliary contacts of<br>overload relay3Number of NO contacts of auxiliary contacts of<br>o magnet coil of auxiliary contacts of<br>overload relay0   | • at DC rated value                            | 0 0 V                               |
| Holding power at AC minimum14 WApparent pick-up power of magnet coil at AC310 V·AApparent holding power of magnet coil at AC26 V·AOperating range factor control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage50 %Switch-on delay time26 41 msOff-delay time14 19 msOverload relayYesProduct function<br>• Test function<br>• External resetYesReset function<br>• External resetYesReset function<br>Adjustment range of thermal overload trip unit<br>Number of NC contacts of auxiliary contacts of<br>overload relay0.85 1.15Number of NO contacts of auxiliary contacts of<br>overload relay0  | • at AC at 60 Hz rated value                   | 110 240 V                           |
| Apparent pick-up power of magnet coil at AC310 V-AApparent holding power of magnet coil at AC26 V-AOperating range factor control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage0.0%Switch-on delay time26 41 msOff-delay time14 19 msOverload relayYesProduct function<br>• Test function<br>• External resetYesReset function<br>• External resetYesReset function<br>• Uption0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay0Number of NO contacts of auxiliary contacts of<br>o Number of NO contacts of auxiliary contacts of<br>outages0   | • at AC at 50 Hz rated value                   | 0 0 V                               |
| Apparent holding power of magnet coil at AC26 V-AOperating range factor control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage50 %Switch-on delay time26 41 msOff-delay time14 19 msOverload relayYesProduct function<br>• Overload protectionYes• Test function<br>• External resetYesReset function<br>• External resetYesReset function<br>• Overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay3   | Holding power at AC minimum                    | 14 W                                |
| Control of the control supply voltage rated<br>value of magnet coil0.85 1.1Percental drop-out voltage of magnet coil related to<br>the input voltage50 %Switch-on delay time26 41 msOff-delay time14 19 msOverload relayYesProduct function<br>• Overload protection<br>• External resetYesReset function<br>• External resetYesReset function<br>• Overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay3Number of NO contacts of auxiliary contacts of<br>overload relay0   | Apparent pick-up power of magnet coil at AC    | 310 V·A                             |
| value of magnet coil50 %Percental drop-out voltage of magnet coil related to<br>the input voltage50 %Switch-on delay time26 41 msOff-delay time14 19 msOverload relayProduct functionYes• Overload protectionYes• Test functionYes• External resetYesReset function0.85 1.15Adjustment range of thermal overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay0  | Apparent holding power of magnet coil at AC    | 26 V·A                              |
| the input voltage26 41 msSwitch-on delay time26 41 msOff-delay time14 19 msOverload relayProduct functionYes• Overload protectionYes• Test functionYes• External resetYesReset functionManual and automaticAdjustment range of thermal overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of overload relay0  |  | 0.85 1.1                            |
| Off-delay time       14 19 ms         Overload relay       Product function         • Overload protection       Yes         • Test function       Yes         • External reset       Yes         Reset function       Manual and automatic         Adjustment range of thermal overload trip unit       0.85 1.15         Number of NC contacts of auxiliary contacts of overload relay       0   |  | 50 %                                |
| Overload relay       Product function       • Overload protection       • Test function       • Test function       • External reset       Reset function       Adjustment range of thermal overload trip unit       0.85 1.15       Number of NC contacts of auxiliary contacts of overload relay       Number of NO contacts of auxiliary contacts of       0   | Switch-on delay time                           | 26 41 ms                            |
| Product functionYes• Overload protectionYes• Test functionYes• External resetYesReset functionManual and automaticAdjustment range of thermal overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay3Number of NO contacts of auxiliary contacts of<br>00  | Off-delay time                                 | 14 19 ms                            |
| Product functionYes• Overload protectionYes• Test functionYes• External resetYesReset functionManual and automaticAdjustment range of thermal overload trip unit0.85 1.15Number of NC contacts of auxiliary contacts of<br>overload relay3Number of NO contacts of auxiliary contacts of<br>00  | Overload relay                                 |                                     |
| <ul> <li>Test function</li> <li>External reset</li> <li>Reset function</li> <li>Adjustment range of thermal overload trip unit</li> <li>Number of NC contacts of auxiliary contacts of overload relay</li> <li>Number of NO contacts of auxiliary contacts of</li> <li>O</li> </ul>   | Product function                               |                                     |
| • External reset       Yes         Reset function       Manual and automatic         Adjustment range of thermal overload trip unit       0.85 1.15         Number of NC contacts of auxiliary contacts of overload relay       3         Number of NO contacts of auxiliary contacts of       0  | Overload protection                            | Yes                                 |
| Reset function       Manual and automatic         Adjustment range of thermal overload trip unit       0.85 1.15         Number of NC contacts of auxiliary contacts of overload relay       3         Number of NO contacts of auxiliary contacts of       0   | Test function                                  | Yes                                 |
| Adjustment range of thermal overload trip unit       0.85 1.15         Number of NC contacts of auxiliary contacts of overload relay       3         Number of NO contacts of auxiliary contacts of       0   | • External reset                               | Yes                                 |
| Number of NC contacts of auxiliary contacts of overload relay     3       Number of NO contacts of auxiliary contacts of     0  | Reset function                                 | Manual and automatic                |
| overload relay       Number of NO contacts of auxiliary contacts of       0   | Adjustment range of thermal overload trip unit | 0.85 1.15                           |
|   | -  | 3                                   |
|   | -  | 0                                   |

| Operating 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 according to UL  | 5A@600VAC (B600), 5A@250VDC (P300)           |
| Enclosure   |  |
| Degree of protection NEMA rating of the enclosure   | NEMA 4X 304 stainless steel enclosure        |
| Design of the housing   | Dust-tight, watertight & corrosion resistant |
| Mounting/wiring   |  |
| Mounting position   | Vertical                                     |
| (mounting type)   | Surface mounting and installation            |
| Type of electrical connection for supply voltage line-<br>side  | Box lug                                      |
| Tightening torque [lbf-in] for supply   | 120 120 lbf·in                               |
| Temperature of the conductor for supply maximum permissible   | 75 °C  |
| Material of the conductor for supply  | AL or CU                                     |
| Type of electrical connection for load-side outgoing feeder   | Screw-type terminals                         |
| Tightening torque [lbf-in] for load-side outgoing feeder  | 35 50 lbf·in                                 |
| Type of electrical connection of magnet coil  | Screw-type terminals                         |
| Tightening torque [lbf·in] at magnet coil   | 5 12 lbf-in                                  |
| Type of connectable conductor cross-sections of<br>magnet coil at AWG conductors single or multi-<br>stranded                     | 2x (16 12 AWG)                               |
| Temperature of the conductor at magnet coil maximum permissible   | 75 °C  |
| Material of the conductor at magnet coil  | CU   |
| Type of electrical connection for auxiliary contacts  | Screw-type terminals                         |
| Tightening torque [lbf·in] at contactor for auxiliary contacts  | 10 15 lbf·in                                 |
| Type of connectable conductor cross-sections at<br>contactor at AWG conductors for auxiliary contacts<br>single or multi-stranded | 1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)  |
| Temperature of the conductor at contactor for<br>auxiliary contacts maximum permissible   | 75 °C  |
| Material of the conductor at contactor for auxiliary contacts   | CU   |
| Type of electrical connection at overload relay for auxiliary contacts  | Screw-type terminals                         |
| Tightening torque [lbf·in] at overload relay for auxiliary contacts   | 5 12 lbf in                                  |

| Type of connectable conductor cross-sections at<br>overload relay at AWG conductors for auxiliary<br>contacts single or multi-stranded | 2x (16 12 AWG)                                      |
|--|---|
| Temperature of the conductor at overload relay for auxiliary contacts maximum permissible  | 75 °C   |
| Material of the conductor at overload relay for auxiliary contacts   | CU  |
| Short-circuit current rating   |   |
| Design of the fuse link for short-circuit protection of<br>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   |
|  |   |

#### Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...) www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

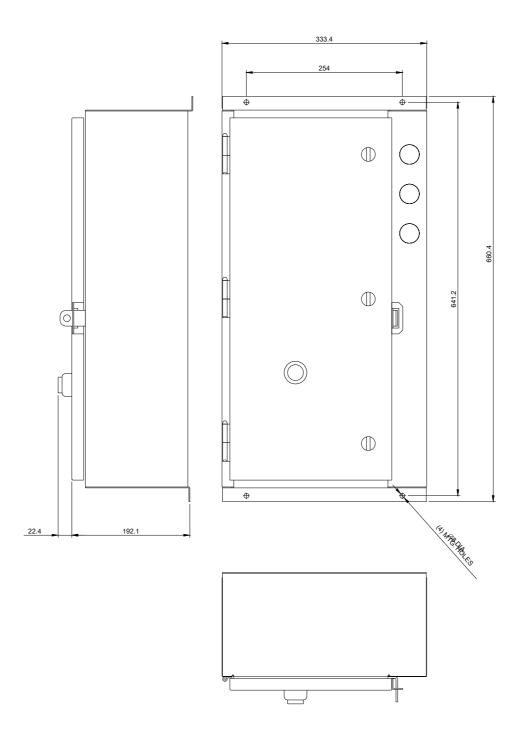
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14HP82WA81

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14HP82WA81

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:14HP82WA81&lang=en

#### Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14HP82WA81/certificate





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