## **SIEMENS**

## **Data sheet**

3RE4122-3CA11-4PF6



STARTER, 3RE41223CA114PY0, WITH MODS

| product designation special product feature special product feature Seneral technical data  weight [Ib] Height X Width X Depth [In] 15 lb Height X Width X Depth [In] 12 x 10 x 6 in touch protection against electrical shock Installation alfitude (fit) at height above sea level maximum of 5660 ft country of origin Cermany  Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage at 1 AC at 50 Hz rated value at 1 AC at 50 Hz rated value at 200/208 Y rated value at 200/208 V rated value at 575/600 V rated value at 675/600 V rated value  at 675/600 V rated value  operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 600 V  maximum expectage of NC contacts for auxiliary contacts 1 number of NC contact |   |                                 |  |  |
|--|---|---------------------------------|--|--|
| special product feature  General technical data  weight [Ib] Height x Width x Depth [in] 12 x 10 x 6 in touch protection against electrical shock Instalation altitude [ft] at height above sea level maximum 6 550 ft country of origin  Country  C | product brand name  | Siemens                         |  |  |
| weight [Ib] 15 lb  | product designation   | Non-reversing motor starter     |  |  |
| weight [ib] Height x Width x Depth [in] 12 x 10 x 6 in 13 x 10 x 6 in 14 x 10 x 6 in 14 x 10 x  | special product feature   | Hand-Off-Auto Selector Switch   |  |  |
| Height x Wirdth x Depth [in] 12 × 10 × 6 in touch protection against electrical shock NA for enclosed products installation fultude [ft] at height above sea level maximum 6 580 ft country of origin Germany  Power and control electronics  number of poles for main current circuit 1/2 yes of voltage of the control supply voltage AC control supply voltage 4 AC control supply voltage 6 AC control supply voltage 6 AC control supply voltage 7 AC control supply voltage 7 AC control supply voltage 8 AC control supply voltage 9 AC control supply voltage rated value of magnet coil at AC control supply voltage rated value of magnet coil at AC control supply voltage rated value of magnet coil at AC control supply voltage rated value of magnet coil at AC control supply voltage rated value  | General technical data  |                                 |  |  |
| touch protection against electrical shock installation altitude (II) at height above sea level maximum country of origin Germany  Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage • at AC at 50 Hz rated value • at 200/208 V rated value • at 575/600 V rated value • at 57 | weight [lb]   | 15 lb                           |  |  |
| installation altitude [ft] at height above sea level maximum country of origin  Power and control electronics number of poles for main current circuit lype of voltage of the control supply voltage ent AC at 50 Hz rated value at AC at 50 Hz rated value at AC at 60 Hz rated value 24 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 250/230 V rated value at 460/480 V rated value at 460/480 V rated value bat 55/5/600 V rated value at 575/5/600 V rated value bat 575/5/600 V rated value coperating voltage for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts lypical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of total curviliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms  OFF-delay time   | Height x Width x Depth [in]                                       | 12 × 10 × 6 in                  |  |  |
| Country of origin Germany  Power and control electronics  Inumber of poles for main current circuit  Itype of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value  • at 200/208 V rated value  • at 2200/230 V rated value  • at 2200/230 V rated value  • at 460/480 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  • at 575/600 V rated value  • at 575/600 V rated value  • at 200/230 V rated value  • at 300/208 V rated value  • at 460/480 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  • at 575/600 V rated value  • at 600 V maximum  operating voltage for main current circuit at AC at 60 Hz maximum  for NC contacts for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  for NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  1 number of NC contacts for auxiliary contacts  2 operating voltage at AC-3 rated value of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time   | touch protection against electrical shock                         | NA for enclosed products        |  |  |
| number of poles for main current circuit  type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at Cat 50 Hz rated value    Very lielded mechanical performance [hp] for 3-phase AC motor   at 200/208 V rated value   at 220/230 V rated value   at 460/480 V rated value   at 460/480 V rated value   at 475/5600 V rated value   at 575/600 V rated value   at 575/600 V rated value   at 575/600 V rated value   at 300/208 AC rated value maximum   at 300/208 AC rated value maximum   at 300/208 AC rated value maximum AC rated rated value maximum   at 300/208 AC rated value maximum AC rated rated value maximum AC rated rated value of rated value rated value rated value of rated value rated value of rated value rated value rated value of rated value rated val | installation altitude [ft] at height above sea level maximum      | 6 560 ft                        |  |  |
| number of poles for main current circuit  type of voltage of the control supply voltage control supply voltage  at AC at 50 Hz rated value 24 V  at AC at 60 Hz rated value 24 V  disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 2 hp at 220/230 V rated value 3 hp at 575/600 V rated value 5 hp at 575/600 V rated value 7.5 hp  Contactor number of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 operating voltage at AC-3 rated value maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms  OFF-delay time  4 16 ms   | country of origin   | Germany                         |  |  |
| type of voltage of the control supply voltage  at AC at 50 Hz rated value  24 V  at AC at 50 Hz rated value  24 V  disconnector functionality  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  2 hp  at 220/230 V rated value  3 hp  at 480/480 V rated value  5 hp  at 575/600 V rated value  5 hp  operating voltage for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  8 unumber of NC contacts for auxiliary contacts  1 number of NO contacts for auxiliary contacts  1 number of NO contacts for auxiliary contacts  1 1  10A@600V(A600), 2.5A@600V(Q600)  Coil  apparent pick-up power of magnet coil at AC  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time   | Power and control electronics                                     |                                 |  |  |
| control supply voltage  at AC at 50 Hz rated value 24 V  at AC at 60 Hz rated value 24 V  disconnector functionality No  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value 2 hp  at 220/230 V rated value 3 hp  at 575/600 V rated value 5 hp  number of NO contacts for main contacts operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet oil ON-delay time 9 38 ms OFF-delay time 4 16 ms  | number of poles for main current circuit                          | 3                               |  |  |
| at AC at 50 Hz rated value  at AC at 60 Hz rated value  24 V  disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  at 220/230 V rated value  at 220/230 V rated value  at 575/600 V rated value  at 575/600 V rated value  7.5 hp   Contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage life (operating cycles) of the main contacts typical  Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms  OFF-delay time  24 V  4 by  AV  AV  AV  AV  AV  AV  AV  AV  AV  A   | type of voltage of the control supply voltage                     | AC                              |  |  |
| at AC at 60 Hz rated value  disconnector functionality  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  at 220/230 V rated value  at 460/480 V rated value  at 5 hp  at 575/600 V rated value  5 hp  7.5 hp   Contactor  number of NO contacts for main contacts  operating voltage at AC-3 rated value maximum  operating voltage at AC-3 rated value maximum  operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts  typical  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of total auxiliary contacts maximum  a contact rating of auxiliary contacts of contact rating of auxiliary contacts  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms  | control supply voltage  |                                 |  |  |
| disconnector functionality  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 675/600 V rated value  7.5 hp  Contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  0 FF-delay time  1 hp 0 2 hp 0 4 hp 0 5 hp 0 6 NO 0 7 NO 0 7 NO 0 8 hp 0 7 NO 0 8 hp  | <ul> <li>at AC at 50 Hz rated value</li> </ul>                    | 24 V                            |  |  |
| yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 55/600 V rated value  • at 575/600 V rated value  7.5 hp  Contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  activate [ife (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  1  number of NO contacts for auxiliary contacts  1  number of total auxiliary contacts maximum  activate auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms   | at AC at 60 Hz rated value  | 24 V                            |  |  |
| at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value be at 575/600 V rated value 7.5 hp  Contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms  OFF-delay time 4 16 ms   | disconnector functionality  | No                              |  |  |
| at 220/230 V rated value at 460/480 V rated value bat 575/600 V rated value  Tontactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum  Maxiliary contact  number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms  OFF-delay time  3 hp 5 hp 7.5 hp  600 V 7.5 hp 7.5 hp 7.5 hp 7.5 hp  600 V 7.5 hp 7.5 hp 7.5 hp 7.5 hp  600 V 7.5 hp 7.5 hp 7.5 hp  600 V 7.5 hp 7.5 hp 7.5 hp  600 V 7.5 hp 600 V 800      | yielded mechanical performance [hp] for 3-phase AC motor          |                                 |  |  |
| at 460/480 V rated value     at 575/600 V rated value     7.5 hp  Contactor  number of NO contacts for main contacts     3     operating voltage for main current circuit at AC at 60 Hz     maximum     operating voltage at AC-3 rated value maximum     auxiliary contact  number of NC contacts for auxiliary contacts     1     number of NC contacts for auxiliary contacts     1     number of total auxiliary contacts maximum     8     contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC     apparent pick-up power of magnet coil at AC     operating range factor control supply voltage rated value of magnet coil     ON-delay time     9 38 ms  OFF-delay time     4 16 ms   | <ul><li>at 200/208 V rated value</li></ul>                        | 2 hp                            |  |  |
| • at 575/600 V rated value  Contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time   | <ul><li>at 220/230 V rated value</li></ul>                        | 3 hp                            |  |  |
| number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum soundact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms OFF-delay time 4 16 ms   | <ul><li>at 460/480 V rated value</li></ul>                        | 5 hp                            |  |  |
| number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil  ON-delay time  OFF-delay time  3 000 00  1 00  1 00  4 00  4 00  4 00  5 00  1 00  4 00  4 00  5 00  6 00  6 00  7 0A  6 0.5 VA  6 0.8 1.1  6 0B  7 0A  8 0B  8 0B  9 38 ms  OFF-delay time  4 16 ms   | • at 575/600 V rated value  | 7.5 hp                          |  |  |
| operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  600 V  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  OFF-delay time  600 V  30 000 000  100 | Contactor   |                                 |  |  |
| maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  OFF-delay time  600 V  30 000 000  10 10 10 10 10 10 10 10 10 10 10 10 10 1  | number of NO contacts for main contacts                           | 3                               |  |  |
| mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  10A@600V(A600), 2.5A@600V(Q600)  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms  |   | 600 V                           |  |  |
| Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms  | operating voltage at AC-3 rated value maximum                     | 600 V                           |  |  |
| number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  10A@600V(A600), 2.5A@600V(Q600)  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms  |   | 30 000 000                      |  |  |
| number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms   | Auxiliary contact   |                                 |  |  |
| number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  10A@600V(A600), 2.5A@600V(Q600)  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms  | number of NC contacts for auxiliary contacts                      | 1                               |  |  |
| contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  OFF-delay time  10A@600V(A600), 2.5A@600V(Q600)  67 VA  6.5 VA  0.8 1.1  9 38 ms  OFF-delay time  4 16 ms  | number of NO contacts for auxiliary contacts                      | 1                               |  |  |
| apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time 4 16 ms   | number of total auxiliary contacts maximum                        | 8                               |  |  |
| apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms  | contact rating of auxiliary contacts of contactor according to UL | 10A@600V(A600), 2.5A@600V(Q600) |  |  |
| apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  OFF-delay time  4 16 ms  | Coil  |                                 |  |  |
| operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms  | apparent pick-up power of magnet coil at AC                       | 67 VA                           |  |  |
| magnet coil           ON-delay time         9 38 ms           OFF-delay time         4 16 ms   | apparent holding power of magnet coil at AC                       | 6.5 VA                          |  |  |
| OFF-delay time 4 16 ms   |   | 0.8 1.1                         |  |  |
|  | ON-delay time   | 9 38 ms                         |  |  |
| Overload relay   | OFF-delay time  | 4 16 ms                         |  |  |
|  | Overload relay  |                                 |  |  |

| product function                                      |   |                  |                                  |                          |                           |
|---|---|------------------|----------------------------------|--------------------------|---------------------------|
| <ul> <li>overload protection</li> </ul>               | on  |                  | Yes                              |                          |                           |
| <ul> <li>test function</li> </ul>                     |   |                  | Yes                              |                          |                           |
| external reset  |   |                  | Yes                              |                          |                           |
| reset function  |   |                  | Manua                            | l, automatic and remote  | (with optional accessory) |
| adjustment range of the                               | rmal overload trip unit   |                  | 30 3                             | 6                        |                           |
| number of NC contacts                                 | of auxiliary contacts of ov   | erload relay     | 1                                |                          |                           |
| number of NO contacts                                 | of auxiliary contacts of ov   | erload relay     | 1                                |                          |                           |
| contact rating of auxiliar UL                         | ry contacts of overload rel   | ay according to  | 5A@6                             | 00VAC (B600), 1A@250     | OVDC (R300)               |
| Enclosure   |   |                  | -                                | _                        |                           |
|   | MA rating of the enclosur   | <u> </u>         | NEMA                             | 3/3R/4/12 enclosure      |                           |
| design of the housing                                 | MA rating of the enclosur   |                  |                                  | watertight for outdoor   |                           |
| Mounting/wiring                                       |   |                  | Dust- (                          | watertight for outdoor t | use                       |
|   |   |                  | vertice                          |                          |                           |
| mounting position                                     |   |                  | vertica                          |                          | ·                         |
| fastening method                                      |   |                  |                                  | e mounting and installat | lon                       |
|   | ction for supply voltage lin  | e-side           |                                  | type terminals           |                           |
| tightening torque [lbf·in]                            |   |                  |                                  | 11 lbf·in                |                           |
| AWG cables single or m                                |   |                  |                                  | 12), 2x (14 8)           |                           |
| temperature of the cond                               | ductor for supply maximun   | n permissible    | 60 °C                            |                          |                           |
| material of the conducto                              | or for supply   |                  | CU                               |                          |                           |
| type of electrical connec                             | ction for load-side outgoin   | g feeder         | Screw-                           | type terminals           |                           |
| tightening torque [lbf·in]                            | for load-side outgoing fee  | eder             | 18 21 lbf·in                     |                          |                           |
|   | nductor cross-sections for<br>eeder single or multi-stran           |                  | 2x (16 12), 2x (14 8)            |                          |                           |
| temperature of the cond maximum permissible           | ductor for load-side outgoi   | ng feeder        | 60 °C                            |                          |                           |
| material of the conducto                              | or for load-side outgoing fe  | eeder            | CU                               |                          |                           |
| type of electrical connec                             | ction of magnet coil  |                  | Screw-                           | type terminals           |                           |
| tightening torque [lbf·in]                            | at magnet coil  |                  | 7 10                             | lbf-in                   |                           |
| type of connectable con<br>AWG cables single or m     | nductor cross-sections of r   | nagnet coil for  | 2x (16 12), 2x (14 8)            |                          |                           |
| temperature of the cond                               | ductor at magnet coil maxi  | mum              | 75 °C                            |                          |                           |
| material of the conducto                              | or at magnet coil   |                  | CU                               |                          |                           |
| type of electrical connec                             | ction for auxiliary contacts  |                  | Screw-                           | type terminals           |                           |
| tightening torque [lbf·in]                            | at contactor for auxiliary  | contacts         | 7 10                             | lbf·in                   |                           |
| <b>31</b>   | nductor cross-sections at only contacts single or multi-            |                  | 2x (20                           | 16), 2x (18 14)          |                           |
| temperature of the cond maximum permissible           | ductor at contactor for aux   | iliary contacts  | 75 °C                            |                          |                           |
| material of the conducto                              | or at contactor for auxiliary                                       | / contacts       | CU                               |                          |                           |
| type of electrical connections                        | ction at overload relay for   | auxiliary        | Screw-                           | type terminals           |                           |
| tightening torque [lbf·in]                            | tightening torque [lbf-in] at overload relay for auxiliary contacts |                  | 7 10                             | 7 10 lbf·in              |                           |
| type of connectable con                               | nductor cross-sections at ciliary contacts single or mi             | overload relay   |                                  | 16), 2x (18 14)          |                           |
|   | ductor at overload relay for  |                  | 70 °C                            |                          |                           |
| ·   | or at overload relay for aux  | xiliary contacts | CU                               |                          |                           |
| Short-circuit current rati                            | -   |                  |                                  |                          |                           |
|   | or short-circuit protection of                                      | of the main      | Class J                          |                          |                           |
| design of the short-circuit trip                      |   | Therm            | Thermal magnetic circuit breaker |                          |                           |
| maximum short-circuit current breaking capacity (Icu) |   | Henn             |                                  |                          |                           |
| • at 240 V  | on broaking capacity (  |                  | 5 kA                             |                          |                           |
| ● at 240 V  |   |                  | 5 kA                             |                          |                           |
| ● at 480 V  |   |                  | 5 kA                             |                          |                           |
|   |   |                  |                                  | 047.4.1                  |                           |
| certificate of suitability  Approvals Certificates    |   |                  | UL 608                           | 947-4-1                  |                           |
| General Product Ap-                                   |   |                  |                                  |                          |                           |
| proval  | Test Certificates   | other            |                                  | Dangerous Good           | Environment               |





## 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=3RE4122-3CA11-4PF6

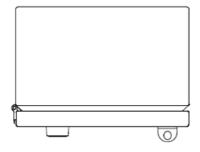
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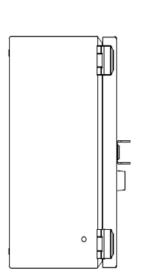
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-3CA11-4PF6/man

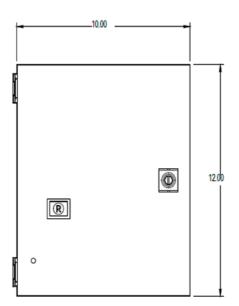
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RE4122-3CA11-4PF6&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RE4122-3CA11-4PF6&lang=en</a>

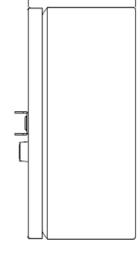
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-3CA11-4PF6/certificate

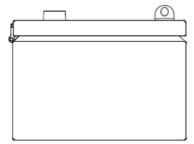








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last modified: 4/15/2021 ☑