SIEMENS

Data sheet

3RE4122-5CA11-4EF6



STARTER, 3RE41225CA114EY0, WITH MODS

| product designation product designation product designation product feature Hand-Off-Auto Selector Switch General technical data Weight [Ib] Height X Width X Depth [In] 12 × 10 × 6 in touch protection against electrical shock Installation altitude [fit] at height above sea level maximum Installation altitude [fit] at height above sea level maximum Over and control electronics Inumber of poles for main current circuit It yips of voltage of the control supply voltage at AC at 50 Hz rated value at AC at 50 Hz rated value 41 AC at 50 Hz rated value 41 AC at 50 Hz rated value 41 200/208 V rated value 5 hp 41 4C at 60 Hz rated value 5 hp 41 5 fbp 41 5 fbp 5 hp 41 5 fbp 600 V maximum Operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 8 contact rating of auxiliary contacts 1 number of NC contacts for aux | | |
|--|---|---------------------------------|
| special product feature General technical data 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 15 touch protection against electrical shock Installation altitude [ft] at height above sea level maximum 16 550 ft 17 country of origin Germany Power and control electronics Inumber of poets for main current circuit 18 type of voltage of the control supply voltage 19 x 12 x 10 | product brand name | Siemens |
| Weight [b] 15 ib Height x Width x Depth [in] 12 × 10 × 6 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6 560 ft country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC 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 5 hp at 200/208 V rated value 10 hp at 575/600 V rated value 15 hp at 675/600 V rated value 10 hp at 575/600 V rated value 10 hp mechanical service life (operating cycles) of the main contacts 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 1 number of NC contacts for auxiliary contacts 1 number of NC auxiliary contacts 10 nC | product designation | Non-reversing motor starter |
| weight [b] Height x Width x Depth [in] 12 x 10 x 6 in 12 x 10 x 6 in 12 x 10 x 6 in 13 x 10 x 6 in 14 x 10 x 6 in 15 x 10 x | special product feature | Hand-Off-Auto Selector Switch |
| Height x Width x Depth [in] 12 × 10 × 6 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6 560 ft country of origin Germany Power and control electronics number of poles for main current circuit type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 24 V | 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 1 at AC at 50 Hz rated value 1 at AC at 50 Hz rated value 1 at 200/208 V rated value 1 at 460/480 V rated value 1 at 460/480 V rated value 1 at 460/480 V rated value 1 at 675/600 V rated value 1 at 676/600 V rated value 2 at 7 at 676/600 V rated value | weight [lb] | 15 lb |
| Installation attitude [ft] at height above sea level maximum 6 560 ft country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage out of Supply voltage at AC at 50 Hz rated value 24 V at AC at 60 Hz rated value 24 V disconnector functionality No yleided mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 5 hp at 250/230 V rated value 10 hp at 3575/600 V rated value 15 hp at 460/480 V rated value 15 hp at 460/480 V rated value 15 hp at 575/600 V rated value 15 hp Contactor number of NO contacts for main contacts 3 operating voltage at AC-3 rated value maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxillary contact number of NC contacts for auxillary contacts 1 number of total auxillary contacts on the six in auxiliary contacts 1 number of total auxillary contacts on contacts 2 apparent holding power of magnet coil at AC 6.5 VA operating range factor control supply voltage rated value of magnet coil at AC 6.5 VA operating range factor control supply voltage rated value of magnet coil at AC 16 ms | Height x Width x Depth [in] | 12 × 10 × 6 in |
| Country of origin Germany Power and control electronics 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 300/208 V rated value • at 300/208 V rated value • at 300/208 V rated value • at 460/480 V rated value • at 575/600 V rated value Auxiliary cottacts for main current circuit at AC at 60 Hz maximum • 600 V 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 NC contacts | touch protection against electrical shock | NA for enclosed products |
| Power and control electronics number of poles for main current circuit type of voltage of the control supply voltage • at 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 200/208 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 575/600 V rated value • at 600 V maximum operating voltage for main current circuit at AC at 60 Hz maximum 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 for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC auxiliary contacts maximum 8 contact rating of auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Oil 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 | 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 5 hp at 220/230 V rated value 5 hp at 450/480 V rated value 10 hp at 575/600 V rated value 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 Auxillary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 4 number of NO contacts for auxiliary contacts 5 number of NO contacts for auxiliary contacts 6 of VA apparent pick-up power of magnet coil at AC 6 of VA apparent holding power of magnet coil at AC 6 of VA apparent holding power of magnet coil at AC 6 of VA apparent holding power of magnet coil at AC 0 of Nd-delay time 9 38 ms 0 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 at AC at 60 Hz rated value 24 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor at 220/220 V rated value 5 hp at 460/480 V rated value 10 hp at 450/480 V rated value 15 hp Contactor number of NO contacts for main contacts operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value voltage | 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 5 hp at 220/230 V rated value 5 hp at 60/480 V rated value 10 hp at 575/600 V rated value 15 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 foo 00 V mechanical service life (operating cycles) of the main contacts typical number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts for 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 | 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 55 hp at 4460/480 V rated value at 57/600 V rated value be at 57/600 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 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 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 9 38 ms OFF-delay time 4 16 ms | 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 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 5 hp at 5 hp at 575/600 V rated value 10 hp at 575/600 V rated value 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 total auxiliary contacts maximum a 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 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 4578/600 V rated value • at 578/600 V rated value 10 hp • at 578/600 V rated value 15 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 No 5 hp 5 hp 5 hp 5 hp 6 | at AC at 50 Hz rated value | 24 V |
| 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 55 hp • at 460/480 V rated value • at 575/600 V rated value • 10 hp • at 575/600 V rated value Tonumber 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 maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum foon tonumber of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 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 | 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 675/600 V rated value be at 575/600 V rated value 10 hp at 575/600 V rated value 15 hp Contactor number of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz 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 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 0 FF-delay time 5 hp 5 hp 5 hp 5 hp 6 | disconnector functionality | No |
| at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 15 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 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 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 5 hp 10 NP 10 | yielded mechanical performance [hp] for 3-phase AC motor | |
| at 460/480 V rated value bat 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 number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 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 operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms | at 200/208 V rated value | 5 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 operating voltage et ife (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 | at 220/230 V rated value | 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 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 | at 460/480 V rated value | 10 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 1 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 9 38 ms OFF-delay time 4 16 ms | • at 575/600 V rated value | 15 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 600 V | 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 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 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 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 substitute the strain of the strai | | 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 201 201 201 201 201 201 201 20 | 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 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 | ary contacts of over ary contacts of over tests of overload related and of the enclosure supply voltage line | erload relay y according to | Yes Yes Yes Manual, automatic and remote 22 32 1 1 5A@600VAC (B600), 1A@2500 NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor under the control of the control | VDC (R300) |
|--|---|--------------------------------|---|-------------|
| test function external reset reset function adjustment range of thermal ove number of NC contacts of auxilia number of NO contacts of auxilia contact rating of auxiliary contact UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for sitightening torque [lbf-in] for supp type of connectable conductor or | ary contacts of over ary contacts of over tests of overload related and of the enclosure supply voltage line | erload relay y according to | Yes Yes Manual, automatic and remote (22 32) 1 1 5A@600VAC (B600), 1A@2500 NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor unvertical | VDC (R300) |
| ● external reset reset function adjustment range of thermal ove number of NC contacts of auxilia number of NO contacts of auxilia contact rating of auxiliary contact UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for s tightening torque [lbf·in] for supp | ary contacts of over ary contacts of over tests of overload related and of the enclosure supply voltage line | erload relay y according to | Yes Manual, automatic and remote (22 32) 1 1 5A@600VAC (B600), 1A@250V NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor unvertical | VDC (R300) |
| reset function adjustment range of thermal ove number of NC contacts of auxilia number of NO contacts of auxilia contact rating of auxiliary contac UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for s tightening torque [lbf-in] for supp | ary contacts of over ary contacts of over tests of overload related and of the enclosure supply voltage line | erload relay y according to | Manual, automatic and remote 22 32 1 1 5A@600VAC (B600), 1A@250V NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor u | VDC (R300) |
| adjustment range of thermal ove number of NC contacts of auxilia number of NO contacts of auxilia contact rating of auxiliary contact UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for significant to suppose to the conductor of the conductor | ary contacts of over ary contacts of over tests of overload related and of the enclosure supply voltage line | erload relay y according to | 22 32 1 1 5A@600VAC (B600), 1A@250V NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor u | VDC (R300) |
| number of NC contacts of auxilia number of NO contacts of auxilia contact rating of auxiliary contact UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for stightening torque [lbf-in] for supp type of connectable conductor or | ary contacts of over ary contacts of over tests of overload related and of the enclosure supply voltage line | erload relay y according to | 1 1 5A@600VAC (B600), 1A@250V NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor u | |
| number of NO contacts of auxiliar contact rating of auxiliary contact UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for stightening torque [lbf·in] for supp | ary contacts of over the content of overload relating of the enclosure supply voltage line | erload relay y according to | 1 5A@600VAC (B600), 1A@250V NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor u | |
| contact rating of auxiliary contact UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for stightening torque [lbf-in] for supp | ts of overload relang of the enclosure | y according to | 5A@600VAC (B600), 1A@250V NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor u | |
| UL Enclosure degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for setightening torque [lbf-in] for supposition type of connectable conductor or setightening torque [lbf-in] for supposition type of connectable conductor or setightening torque [lbf-in] for supposition type of connectable conductor or setimated the set of the set | ng of the enclosure | | NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor u | |
| degree of protection NEMA ratin design of the housing Mounting/wiring mounting position fastening method type of electrical connection for sightening torque [lbf-in] for supp | supply voltage line | | Dust- & watertight for outdoor u | se |
| design of the housing Mounting/wiring mounting position fastening method type of electrical connection for s tightening torque [lbf·in] for supp type of connectable conductor or | supply voltage line | | Dust- & watertight for outdoor u | se |
| Mounting/wiring mounting position fastening method type of electrical connection for s tightening torque [lbf·in] for supp type of connectable conductor or | oly | -side | vertical | se |
| mounting position fastening method type of electrical connection for s tightening torque [lbf-in] for supp type of connectable conductor or | oly | -side | | |
| fastening method type of electrical connection for s tightening torque [lbf-in] for supp type of connectable conductor or | oly | -side | | |
| type of electrical connection for s tightening torque [lbf·in] for supp type of connectable conductor or | oly | -side | Surface mounting and installation | |
| tightening torque [lbf-in] for supp | oly | -side | - Carrage mounting and motamatic | on |
| type of connectable conductor cr | • | | Screw-type terminals | |
| | ross soctions at lin | | 18 21 lbf·in | |
| AVVG cables single of multi-stran | | ne-side for | 2x (16 12), 2x (14 8) | |
| temperature of the conductor for | supply maximum | permissible | 60 °C | |
| material of the conductor for sup | pply | | CU | |
| type of electrical connection for I | load-side outgoing | feeder | Screw-type terminals | |
| tightening torque [lbf·in] for load- | -side outgoing feed | der | 18 21 lbf·in | |
| type of connectable conductor or for load-side outgoing feeder sin | | | 2x (16 12), 2x (14 8) | |
| temperature of the conductor for maximum permissible | load-side outgoin | g feeder | 60 °C | |
| material of the conductor for load | d-side outgoing fee | eder | CU | |
| type of electrical connection of m | nagnet coil | | Screw-type terminals | |
| tightening torque [lbf·in] at magn | net coil | | 7 10 lbf·in | |
| type of connectable conductor or AWG cables single or multi-strar | | agnet coil for | 2x (16 12), 2x (14 8) | |
| temperature of the conductor at permissible | magnet coil maxin | num | 75 °C | |
| material of the conductor at mag | net coil | | CU | |
| type of electrical connection for a | auxiliary contacts | | Screw-type terminals | |
| tightening torque [lbf·in] at contact | ctor for auxiliary co | ontacts | 7 10 lbf·in | |
| type of connectable conductor or AWG cables for auxiliary contact | | | 2x (20 16), 2x (18 14) | |
| temperature of the conductor at maximum permissible | contactor for auxili | iary contacts | 75 °C | |
| material of the conductor at cont | | | CU | |
| type of electrical connection at overload relay for auxiliary contacts | | Screw-type terminals | | |
| tightening torque [lbf-in] at overload relay for auxiliary contacts | | 7 10 lbf-in | | |
| type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded | | 2x (20 16), 2x (18 14) | | |
| temperature of the conductor at overload relay for auxiliary contacts maximum permissible | | 70 °C | | |
| material of the conductor at overload relay for auxiliary contacts | | CU | | |
| Short-circuit current rating | | | | |
| design of the fuse link for short-circuit protection of the main circuit required | | Class J | | |
| design of the short-circuit trip | design of the short-circuit trip | | Thermal magnetic circuit breaker | |
| maximum short-circuit current breaking capacity (Icu) | | | | |
| • at 240 V | | 5 kA | | |
| • at 480 V | | 5 kA | | |
| • at 600 V | | 5 kA | | |
| certificate of suitability UL 60947-4-1 | | | | |
| Approvals Certificates | | | | |
| General Product Approval Test C | 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=3RE4122-5CA11-4EF6

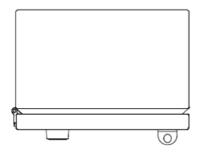
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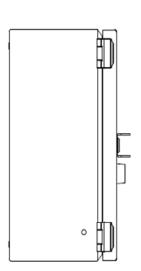
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-5CA11-4EF6/man

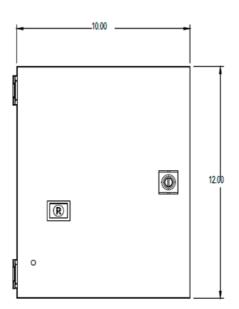
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-5CA11-4EF6&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-5CA11-4EF6/certificate

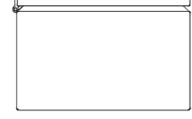








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