# SIEMENS

### Data sheet

## 3RE4121-5CA11-1EY0

#### STARTER, FVNR, S00, 3P, THOLR, 24VAC, N3R/4/12



product brand name         Stemes           product feature         Non-reversing motor statter           special product feature         No factory installed accessories           Contral technical data		
special product feature         No factory installed accessories           Genoral tachnical data         weight [[b]         14 lb           Height x Width x Depth [in]         12 x 10 x 6 in           Touch protection against electrical shock         No for enclosed products           installation altitude [I] at height above sea level maximum         6 560 ft           ambient temperature [IF] during operation         -4+104 'F           ambient temperature during operation         -20,+40 'C           country of origin         Genemary           Power and control electronits         -           number of poles for main current circuit         3           Vye of voltage of the control supply voltage         -           e at AC at 50 Hz rated value         24 V           e at AC at 50 Hz rated value         24 V           e at AC at 50 Hz rated value         24 V           e at AC at 50 Hz rated value         2 hp           e at 200/208 V rated value         3 hp           e at 575/600 V rated value         3 000 000           operating voltage at AC-3 rated value         3           operating voltage at AC-3 rated value         3           e at 575/600 V rated value         3           operating voltage at AC-3 rated value maximum         600 V	product brand name	Siemens
Ceneral technical data       4         weight [b]       14 lb         Height x Widh x Deph [in]       12 x 10 x 6 in         touch protection against electrical shock       NA for enclosed products         installation altitude [i] at height above sea level maximum       6 560 ft         ambient temperature [F] during operation       4 +104 "F         ambient temperature during storage       30 +45 "C         ambient temperature during storage       30 +45 "C         ambient temperature during operation       -20 +40 "C         country of origin       Germany         Power and control sleptity voltage       AC         control supply voltage       AC         control supply voltage       AC         control supply voltage       24 V         et al C at 50 Hz rated value       24 V         et al C at 50 Hz rated value       24 V         et al C at 50 Hz rated value       24 V         et al 20/230 V rated value       1.5 hp         et al 20/230 V rated value       3 hp         et al 20/230 V rated value       3 000 V         operating voltage for main current circuit at AC at 60 Hz       30 000 V         mechanical service life (operating cycles) of the main contacts       3 000 V         operating voltage at AC-3 rated	product designation	Non-reversing motor starter
weight [b]       14 lb         Height X Widh x Depth [in]       12 × 10 × 6 in         touch protection against electrical shock       NA for enclosed products         installation altitude [f] at height above sea level maximum       6 560 ft         ambient temperature [F] during storage       -22 +149 °F         ambient temperature for [F] during storage       -30 +45 °C         ambient temperature during operation       -4 +104 °F         ambient temperature during operation       -20 +40 °C         control souphy voltage       -21 +104 °F         et AC at 50 Hz rated value       24 V         et AC at 50 Hz rated value       24 V         et AC at 50 Hz rated value       24 V         et AC at 60 Hz rated value       24 P         et AC at 60 V rated value       3 hp         et AC at 60 V rated value       3 hp         et AS75/600 V rated value	special product feature	No factory installed accessories
Height X Width x Depth [in]       12 × 10 × 6 in         touch protection against electrical shock       NA for enclosed products         installation altidue [it] at height above sea level maximum       6 560 ft         ambient temperature [F] during operation       -4+149 'F         ambient temperature during storage       -30+65 °C         ambient temperature during storage       -30+65 °C         ambient temperature during storage       -40 °C         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       42 V         • at AC at 50 Hz rated value       24 V       42 V         • at AC at 60 Hz rated value       24 V       42 V         • at AC at 60 Hz rated value       24 V       5 hp         • at 200/208 V rated value       2 hp       3         • at 200/208 V rated value       3 hp       5 hp         • at 40/408 V rated value       5 hp       5 hp         Contacts for main current circuit 4 AC at 60 Hz       600 V       600 V         mumber of NO contacts for auxiliary contacts       3 00000 000       9 porating voltage at AC-3-rate	General technical data	
toch protection against electrical shock         NA for enclosed products           installation altitude [II] at height above sea level maximum         6 660 ft           ambient temperature [IF] during operation         -22 +149 °F           ambient temperature during storage         -30 +65 °C           ambient temperature during operation         -20 +40 °F           ambient temperature during operation         -20 +40 °C           country of origin         Germany           Power and control electronics         70 +65 °C           number of poles for main current circuit         3           type of voltage of the control supply voltage         AC           control supply voltage         44 V           • at AC at 50 Hz rated value         24 V           disconnector functionality         No           yjelded mechanical performance [hp] for 3-phase AC motor         • at 200/208 V rated value           • at 200/208 V rated value         2 hp           • at 460/480 V rated value         3 hp           • at 55/600 V rated value         5 hp           contactor         5 hp           contacts for main current circuit at AC at 60 Hz         600 V           maximum         600 V           operating voltage at AC-3 rated value maximum         600 V	weight [lb]	14 lb
installation altitude [ft] at height above sea level maximum       6 560 ft         ambient temperature [F] during storage       -22+149 "F         ambient temperature [F] during storage       -30+46 "C         ambient temperature during operation       -20+46 "C         ambient temperature during storage       -30+46 "C         ambient temperature during operation       -20+40 "C         control electronics	Height x Width x Depth [in]	12 × 10 × 6 in
ambient temperature [*F] during storage       -22 +149 *F         ambient temperature during storage       -30 +65 *C         ambient temperature during storage       -30 +46 *C         ambient temperature during storage       -30 +46 *C         country of origin       Germany         Power and control electronics       -20 +40 *C         number of poles for main current circuit       3         type of voltage of the control supply voltage       AC         control supply voltage       -4V         et at Ca t50 Hz rated value       24 V         et at Ca t60 Hz rated value       24 V         disconnector functionality       No         yielded mechanical performance [hp] for 3-phase AC motor       1.5 hp         et at 200/280 V rated value       2 hp         et at 500/280 V rated value       5 hp         et at 60/480 V rated value       5 hp         ontactor       -         number of NO contacts for main current circuit at AC at 60 Hz       3         operating voltage at AC-3 rated value maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         operating voltage at AC-3 rated value maximum       600 V	touch protection against electrical shock	NA for enclosed products
ambient temperature [F] during operation       4 +104 "F         ambient temperature during operation       -20 +46 "C         ambient temperature during operation       -20 +40 "C         county of origin       Germany         Power and control electronics       3         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 50 Hz rated value       24 V         • at AC at 50 Hz rated value       24 V         vielded mechanical performance [hp] for 3-phase AC motor       -         • at 200/208 V rated value       2 hp         • at 200/208 V rated value       2 hp         • at 200/208 V rated value       5 hp         Contactor       -         number of NO contacts for main contacts       3         operating voltage at AC-3 rated value maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         maximum <t< td=""><td>installation altitude [ft] at height above sea level maximum</td><td>6 560 ft</td></t<>	installation altitude [ft] at height above sea level maximum	6 560 ft
ambient temperature during storage       -30 +65 ° C         ambient temperature during operation       -20 +40 ° C         country of origin       Germany         Power and control electronics       Image of poles for main current circuit       3         type of voltage of the control supply voltage       AC         ent AC at 50 Hz rated value       24 V         et AC at 60 Hz rated value       24 V         disconnector functionality       No         yielded mechanical performance [hp] for 3-phase AC motor       1.5 hp         et 220/230 V rated value       2 hp         et 220/230 V rated value       3 hp         et at 60480 V rated value       5 hp         Contactor       3         number of NO contacts for main contacts       3         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts       30 000 000         typical       30 000 000         vipical       1         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       1         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       1         number of NC contacts f	ambient temperature [°F] during storage	-22 +149 °F
amblent temperature during operation       -20 +40 °C         country of origin       Germany         Power and control electronics       3         number of poles for main current circuit       3         type of voltage of the control supply voltage       AC         control supply voltage       AC         e at AC at 50 Hz rated value       24 V         disconnector functionality       No         yielded mechanical performance (hp) for 3-phase AC motor       1.5 hp         e at 200/208 V rated value       2 hp         e at 200/208 V rated value       3 hp         e at 250/208 V rated value       3 hp         e at 250/208 V rated value       5 hp         Contactor       0 contacts for main contacts         number of NO contacts for main contacts       3         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts       30 000 000         typical       30 000 000         Auxiliary contact       1         number of NO contacts for auxiliary contacts       1 <td>ambient temperature [°F] during operation</td> <td>-4 +104 °F</td>	ambient temperature [°F] during operation	-4 +104 °F
county of origin       Germany         Power and control electronics       Immber of poles for main current circuit       3         type of voltage of the control supply voltage       AC         control supply voltage       AC         e 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       1.5 hp         • at 220/230 V rated value       2 hp         • at 420/280 V rated value       3 hp         • at 460/480 V rated value       5 hp         Contactor       Immber of NO contacts for main contacts         operating voltage at AC-3 rated value maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts       3         typical       1         Auxiliary contact       0         number of NC contacts for auxiliary contacts       1         number of NC contacts of contactor according to UL       10A@600V(A600), 2.5A@600V(Q600)         Coll       apparent pick-up power of magnet coil at AC       26.4 VA         apparent holding power of magnet coil at AC       26.4 VA	ambient temperature during storage	-30 +65 °C
Power and control electronics         number of poles for main current circuit       3         type of voltage of the control supply voltage       AC         control supply voltage       AC         et AC at 50 Hz rated value       24 V         • at AC at 50 Hz rated value       24 V         disconnector functionality       No         yleided mechanical performance [hp] for 3-phase AC motor       1.5 hp         • at 220/230 V rated value       2 hp         • at 200/208 V rated value       3 hp         • at 260/480 V rated value       5 hp         Contactor       number of NO contacts for main contacts         number of NO contacts for main current circuit at AC at 60 Hz       600 V         maximum       600 V         mechanical service life (operating cycles) of the main contacts       3         typical       30 000 000         Auxiliary contact       0         number of NC contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       1         number of NC contacts for auxiliary contacts       1         number of NC contacts for auxiliary contacts       1         number of NC contacts for auxiliary contacts       1	ambient temperature during operation	-20 +40 °C
number of poles for main current circuit       3         type of voltage of the control supply voltage       AC         control supply voltage       4C         • 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       1.5 hp         • at 200/208 V rated value       1.5 hp         • at 260/480 V rated value       3 hp         • at 455/600 V rated value       5 hp         Contactor       5 hp         number of NO contacts for main contacts       3         operating voltage at AC-3 rated value maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         maximum       30 000 0000         Vipical       Auxiliary contacts         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       1         number of NO contacts for auxiliary contacts       1	country of origin	Germany
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           • 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         1.5 hp           • at 220/230 V rated value         2 hp           • at 460/480 V rated value         3 hp           • at 575/600 V rated value         5 hp           Contactor         number of NO contacts for main contacts           number of NO contacts for main contacts         3           operating voltage at AC-3 rated value maximum         600 V           mechanical service life (operating cycles) of the main contacts         30 000 000           typical         30 000 000           Auxiliary contacts         0           number of NC contacts for auxiliary contacts         1           number o	Power and control electronics	
A. AC at 60 Hz rated value       24 V         • at AC at 60 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       1.5 hp         • at 200/208 V rated value       2 hp         • at 220/230 V rated value       2 hp         • at 460/480 V rated value       3 hp         • at 4575/600 V rated value       5 hp         Contactor	number of poles for main current circuit	3
• 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       1.5 hp         • at 200/208 V rated value       1.5 hp         • at 260/480 V rated value       3 hp         • at 450/480 V rated value       5 hp         Contactor       5 hp         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts       30 000 000         typical       30 000 000         Auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600V(A600), 2.5A@600V(Q600)         Coli       appar	type of voltage of the control supply voltage	AC
• 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     1.5 hp       • at 220/230 V rated value     2 hp       • at 460/480 V rated value     3 hp       • at 457/600 V rated value     5 hp       Contactor     3       number of NO contacts for main contacts     3       operating voltage for main current circuit at AC at 60 Hz     600 V       maximum     600 V       operating voltage at AC-3 rated value maximum     600 V       mechanical service life (operating cycles) of the main contacts     30 000 000       typical     1       Auxiliary contact     0       number of NO contacts for auxiliary contacts     0       number of NO contacts for auxiliary contacts     1       number of total auxiliary contacts maximum     6       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     26.4 VA       apparent	control supply voltage	
disconnector functionality       No         yielded mechanical performance [hp] for 3-phase AC motor       1.5 hp         • at 200/208 V rated value       2 hp         • at 220/230 V rated value       3 hp         • at 460/480 V rated value       3 hp         • at 575/600 V rated value       5 hp         Contactor       600 V         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts       30 000 000         typical       4uxiliary contacts       0         number of NC contacts for auxiliary contacts       1         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 of contactor according to UL       10A@600V(A600), 2.5A@600V(Q600)         Coil       26.4 VA         apparent pick-up power of magnet coil at AC       26.4 VA         apparent holding power of magnet coil at AC       44.4 VA	• at AC at 50 Hz rated value	24 V
yielded mechanical performance [hp] for 3-phase AC motor       1.5 hp         • at 200/208 V rated value       1.5 hp         • at 220/230 V rated value       2 hp         • at 460/480 V rated value       3 hp         • at 575/600 V rated value       5 hp         Contactor       5 hp         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts       30 000 000         typical       30 000 000         Auxiliary contact       0         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       1         number of NC contacts for auxiliary contacts       1         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600V(A600), 2.5A@600V(Q600)         Coil       26.4 VA         apparent pick-up power of magnet coil at AC       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA <td>• at AC at 60 Hz rated value</td> <td>24 V</td>	• at AC at 60 Hz rated value	24 V
<ul> <li>at 200/208 V rated value</li> <li>at 220/230 V rated value</li> <li>at 220/230 V rated value</li> <li>at 460/480 V rated value</li> <li>bp</li> <li>at 460/480 V rated value</li> <li>bp</li> <li>at 575/600 V rated value</li> <li>bp</li> </ul> Contactor           number of NO contacts for main contacts         3           operating voltage for main current circuit at AC at 60 Hz         600 V           maximum         600 V           operating voltage at AC-3 rated value maximum         600 V           mechanical service life (operating cycles) of the main contacts typical         30 000 000           Auxiliary contact         0           number of NO contacts for auxiliary contacts         0           number of NC contacts for auxiliary contacts         1           number of NO contacts for auxiliary contacts         1           number of NC contacts for auxiliary contacts         1           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         6           contact rating of auxiliary contacts of contactor according to UL         10A@600V(A600), 2.5A@600V(Q600)           Coil	disconnector functionality	No
• at 220/230 V rated value2 hp• at 460/480 V rated value3 hp• at 575/600 V rated value5 hpContactor0number of NO contacts for main contacts3operating voltage for main current circuit at AC at 60 Hz600 Vmaximum600 Voperating voltage at AC-3 rated value maximum600 Vmechanical service life (operating cycles) of the main contacts typical30 000 000Auxiliary contact0number of NC contacts for auxiliary contacts0number of NO contacts for auxiliary contacts1number of NO contacts for auxiliary contacts1number of total auxiliary contacts6contact rating of auxiliary contacts of contactor according to UL10A@600V(A600), 2.5A@600V(Q600)Coilapparent pick-up power of magnet coil at AC26.4 VAapparent holding power of magnet coil at AC4.4 VA	yielded mechanical performance [hp] for 3-phase AC motor	
<ul> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>5 hp</li> <li>Contactor</li> <li>number of NO contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz</li> <li>operating voltage at AC-3 rated value maximum</li> <li>600 V</li> <li>mechanical service life (operating cycles) of the main contacts</li> <li>30 000 000</li> <li>Auxiliary contact</li> <li>number of NO contacts for auxiliary contacts</li> <li>number of total auxiliary contacts of contactor according to UL</li> <li>10A@600V(A600), 2.5A@600V(Q600)</li> <li>Coil</li> <li>apparent pick-up power of magnet coil at AC</li> <li>26.4 VA</li> <li>apparent holding power of magnet coil at AC</li> <li>4.4 VA</li> </ul>	• at 200/208 V rated value	1.5 hp
• at 575/600 V rated value         5 hp           Contactor         Image: Stress of the s	• at 220/230 V rated value	2 hp
Contactor         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts typical       30 000 000         Auxiliary contact       0         number of NC contacts for auxiliary contacts       0         number of NC contacts for auxiliary contacts       1         number of total auxiliary contacts of contactor according to UL       10A@600V(A600), 2.5A@600V(Q600)         Coil       apparent pick-up power of magnet coil at AC       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	• at 460/480 V rated value	3 hp
number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz       600 V         maximum       600 V         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts typical       30 000 000         Auxiliary contact       30 000 000         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts maximum       6         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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	• at 575/600 V rated value	5 hp
operating voltage for main current circuit at AC at 60 Hz       600 V         operating voltage at AC-3 rated value maximum       600 V         mechanical service life (operating cycles) of the main contacts typical       30 000 000         Auxiliary contact       0         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts maximum       6         contact rating of auxiliary contacts of contactor according to UL       10A@600V(A600), 2.5A@600V(Q600)         Coil       26.4 VA         apparent pick-up power of magnet coil at AC       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	Contactor	
maximum       600 V         mechanical service life (operating cycles) of the main contacts typical       30 000 000         Auxiliary contact       30 000 000         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts maximum       6         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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	number of NO contacts for main contacts	3
mechanical service life (operating cycles) of the main contacts typical       30 000 000         Auxiliary contact       auxiliary contacts         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts maximum       6         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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA		600 V
typical       Auxiliary contact         number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts maximum       6         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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	operating voltage at AC-3 rated value maximum	600 V
number of NC contacts for auxiliary contacts       0         number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts maximum       6         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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA		30 000 000
number of NO contacts for auxiliary contacts       1         number of total auxiliary contacts maximum       6         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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	Auxiliary contact	
number of total auxiliary contacts maximum       6         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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	number of NC contacts for auxiliary contacts	0
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       26.4 VA         apparent holding power of magnet coil at AC       4.4 VA	number of NO contacts for auxiliary contacts	1
Coil       apparent pick-up power of magnet coil at AC     26.4 VA       apparent holding power of magnet coil at AC     4.4 VA	number of total auxiliary contacts maximum	6
apparent pick-up power of magnet coil at AC     26.4 VA       apparent holding power of magnet coil at AC     4.4 VA	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 4.4 VA	Coil	
	apparent pick-up power of magnet coil at AC	26.4 VA
operating range factor control supply voltage rated value of 0.8 1.1	apparent holding power of magnet coil at AC	4.4 VA
	operating range factor control supply voltage rated value of	0.8 1.1

magnet coil	
ON-delay time	9 35 ms
OFF-delay time	3.5 14 ms
Overload relay	
product function	
<ul> <li>overload protection</li> </ul>	Yes
• test function	Yes
external reset	Yes
reset function	Manual, automatic and remote (with optional accessory)
adjustment range of thermal overload trip unit	2.8 4
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
Enclosure	
degree of protection NEMA rating of the enclosure	NEMA 3/3R/4/12 enclosure
design of the housing	Dust- & watertight for outdoor use
Mounting/wiring	
mounting position	vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
tightening torque [lbf·in] for supply	7 10 lbf-in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	2x (20 16), 2x (18 14), 2x 12
temperature of the conductor for supply maximum permissible	60 °C
material of the conductor for supply	CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	7 10 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (20 16), 2x (18 14), 2x 12
temperature of the conductor for load-side outgoing feeder maximum permissible	60 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf-in] at magnet coil	7 10 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (20 16), 2x (18 14), 2x 12
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	7 10 lbf-in
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded	2x (20 16), 2x (18 14), 2x 12
temperature of the conductor at contactor for 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	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	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

#### Further information

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

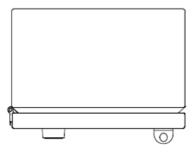
www.usa.siemens.com/iccatalog

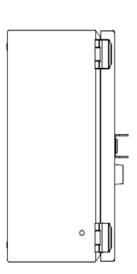
Industry Mall (Online ordering system) om/mall/en/us/Catalog/product?mlfb=3RE4121-5CA11-1EY0 https://m all.industry.siemens.c

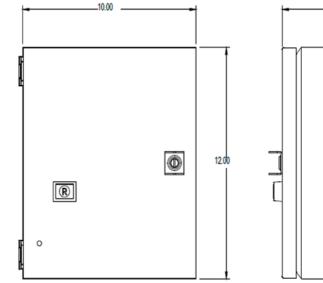
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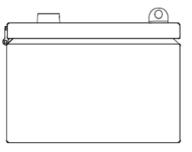








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