## **SIEMENS**

## **Data sheet**

product brand name

3RE4122-7AA11-4FF6

STARTER, 3RE41227AA114FY0, WITH MODS



product designation special product feature Hand-Off-Auto Selector Switch  General technical data welght [Ib] Height x Width x Depth [in] 11 x 7 x 5 in No for enclosed products installation altitude [fit] at height above sea level maximum ambient temperature [Fit] during storage ambient temperature [Fit] during storage ambient temperature during storage ambient temperature during storage ambient temperature during storage 3-30 +65 °C ambient temperature during operation -20 +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 at AC at 60 Hz rated value at AC at 60 Hz rated value 4 at AC at 60 Hz rated value 4 at 200/208 V rated value 10 hp 4 at 400/408 V rated value 20 hp 4 at 575/600 V rated value 20 hp 4 at 575/600 V rated value 20 hp 20 perating voltage for main current circuit at AC at 60 Hz maximum mechanical service file (operating cycles) of the main contacts bypical  Auxiliary contact number of NO contacts for auxiliary contacts 1 numb	product brand name	Sierriens
weight [b] 8 lb Height x Width x Depth [n] 11 x 7 x 5 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6 550 ft ambient temperature [Ft] during storage -22 *149 °F ambient temperature [Ft] during operation 4 *104 °F ambient temperature during storage -30 *46 °C ambient temperature during storage -30 *46 °C country of origin Germany  Power and control electronics  number of poles for main current circuit 3 3 type of voltage of the control supply voltage AC control supply voltage • 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 10 hp • at 200/208 V rated value 25 hp • at 46/480 V rated value 26 hp • at 675/600 V rated value 25 hp • at 676/600 V rated value 26 hp • at 676/600 V rated value 276 hp • at 75/600 V rated value 276 hp • at 75/600 V rated value 30 hp • at 676/600 V rated value 30 hp • at 75/600 V rated value 30 hp	product designation	Non-reversing motor starter
weight [lb] Height x Width x Depth [in] 11 x 7 x 5 in 11 x 10 x	special product feature	Hand-Off-Auto Selector Switch
Height x Width x Depth [in]  touch protection against electrical shock 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 storage 30 *46 *C ambient temperature during storage 30 *40 *C country of origin Germany  Power and control electronics number of Poles for main current circuit 13 type of voltage of the control supply voltage control supply voltage 41 AC at 50 Hz rated value 42 4 V 43 connector functionality 41 AC at 50 Hz rated value 42 4 V 43 connector functionality 41 AC at 50 Hz rated value 42 4 V 43 connector functionality 41 AC at 50 Hz rated value 42 4 V 43 control cont	General technical data	
touch protection against electrical shock installation altitude (II) at height above sea level maximum ambient temperature [°F] during storage -22 +149 °F ambient temperature [°F] during operation -4 +104 °F ambient temperature during storage -30 +65 °C ambient temperature during storage -30 +65 °C ambient temperature during operation -20 +40 °C country of origin  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 AC at 50 Hz rated value - at AC at 60 Hz rated value - at AC at 60 Hz rated value - at 200208 V rated value - at 200208 V rated value - at 2002230 V rated value - at 2002230 V rated value - at 575/600 V rated value - operating voltage for main current circuit at AC at 60 Hz maximum - operating voltage at AC-3 rated value maximum - operating voltage of main current circuit at AC at 60 Hz - maximum - operating voltage of main current circuit at AC at 60 Hz - 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 NO 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 NO contacts for auxiliary contacts - 1 - number of NO contacts for auxiliary contacts - 1 - number of NO contacts for auxiliary contacts - 2 - 3 - 3 - 40 × 40 × 40 × 40 × 40 × 40 × 40 × 40	weight [lb]	8 lb
installation altitude [ft] at height above sea level maximum ambient temperature ['Ff] during storage ambient temperature ['Ff] during operation  -4 +104 "F ambient temperature ('Ff] during storage -30 +65 "C ambient temperature during operation -20 +40 "C country of origin  Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage control supply voltage  • at AC at 50 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at 200/208 V rated value • 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 573/600 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 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 number of NO contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 10A@600V(A600), 2.5A@600V(Q600)  Coll apparent pick-up power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 VA	Height x Width x Depth [in]	11 × 7 × 5 in
ambient temperature ["F] during storage	touch protection against electrical shock	NA for enclosed products
ambient temperature ("F"] during operation 4+104 "F ambient temperature during storage 30+65 "C ambient temperature during operation 20+40 "C country of origin 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 4 AC at 50 Hz rated value 24 V at AC at 50 Hz rated value 24 V disconnector functionality No yielded mechanical performance (hp) for 3-phase AC motor at 200/208 V rated value 10 hp at 250/230 V rated value 20 hp at 460/480 V rated value 25 hp at 460/480 V rated value 25 hp Contactor number of NO contacts 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 51 number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 1 number of NO contacts for auxiliary contacts 1 1 number of NO contacts for auxiliary contacts 1 1 number of NO contact for auxiliary contacts 1 1 1 10A@600V(A600), 2.5A@600V(Q600) coll apparent holding power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 VA	installation altitude [ft] at height above sea level maximum	6 560 ft
ambient temperature during storage ambient temperature during operation country of origin  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 AC at 50 Hz rated value 24 V disconnector functionality yleided mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 10 hp at 220/230 V rated value 20 hp at 460/480 V rated value 20 hp at 575/600 V rated value 25 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 NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 VA	ambient temperature [°F] during storage	-22 +149 °F
ambient temperature during operation -20 +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	ambient temperature [°F] during operation	-4 +104 °F
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 10 hp  • at 220/230 V rated value 20 hp  • at 460/480 V rated value 20 hp  • at 4575/600 V rated value 25 hp  Contactor  number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V mechanical 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 maximum 8 contact rating of auxiliary contacts maximum 8 apparent pick-up power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 VA	ambient temperature during storage	-30 +65 °C
number of poles for main current circuit  1 type of voltage of the control supply voltage 24 V 24 V 24 V 31 AC at 60 Hz rated value 24 V 32 disconnector functionality 3 velded mechanical performance [hp] for 3-phase AC motor 4 at 200/208 V rated value 10 hp 4 at 40,048 0 V rated value 25 hp 26 type 4 at 46,048 0 V rated value 26 v rated value 27 v rated value 28 v rated value 29 v rated value 20 hp 4 at 200/208 V rated value 20 hp 4 at 460/48 0 V rated value 20 hp 5 at 75/600 V rated value 25 hp 26 v rated value 26 v rated value 27 v rated value 28 v rated value 29 v rated value 20 v rated value 30 v rated value voltage for main contacts of the main contacts of value voltage for main current circuit at AC at 60 Hz rated value voltage for main current circuit at AC at 60 Hz rated value voltage for main current circuit at AC at 60 Hz rated value voltage for main current circuit at AC at 60 Hz rated value voltage for main current circuit at AC at 60 Hz rated value voltage for main current circuit at AC at 60 Hz rated value voltage for rated value voltage	ambient temperature during operation	-20 +40 °C
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 60 Hz rated value  • at AC at 60 Hz rated value  • at Couton functionality  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • 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  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  1 number of total auxiliary contacts maximum  8 contact rating of auxiliary contacts of contactor according to UL  Coil  apparent holding power of magnet coil at AC  79 VA apparent holding power of magnet coil at AC  8.5 VA	country of origin	Germany
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  No  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  10 hp  at 220/230 V rated value  10 hp  at 460/480 V rated value  20 hp  at 578/600 V rated value  25 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 for main current circuit at AC at 60 Hz machanical 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 total auxiliary contacts maximum  sontact rating of auxiliary contacts of contactor according to UL  coil  apparent holding power of magnet coil at AC  79 VA apparent holding power of magnet coil at AC  8.5 VA	Power and control electronics	
control supply voltage  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  10 hp  at 220/230 V rated value  10 hp  at 460/480 V rated value  20 hp  at 575/600 V rated value  25 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 if (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 NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 7 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 7 number of NO contacts for auxiliary contacts 8 number of NO contacts for auxiliary contacts 8 number of NO contacts for auxiliary contacts 9 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxi	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 10 hp at 220/230 V rated value 20 hp at 460/480 V rated value 25 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 operating voltage at AC-3 rated value maximum 600 V mechanical 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 of contactor according to UL  Coil apparent holding power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 VA	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  to hp  at 220/230 V rated value  at 675/600 V rated value  to hp  at 6575/600 V rated value  20 hp  at 575/600 V rated value  25 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  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 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  79 VA  apparent holding power of magnet coil at AC  8.5 VA	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 575/600 V rated value • at 575/600 V rated value  20 hp • at 575/600 V rated value  25 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  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 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 79 VA apparent holding power of magnet coil at AC 8.5 VA	• 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 575/600 V rated value  • at 575/600 V rated value  20 hp  • at 575/600 V rated value  25 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  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 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  79 VA  apparent holding power of magnet coil at AC  8.5 VA	at AC at 60 Hz rated value	24 V
at 200/208 V rated value at 220/230 V rated value but 460/480 V rated value at 460/480 V rated value but 575/600 V rated value  20 hp at 575/600 V rated value 25 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 and 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 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 holding power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 VA	disconnector functionality	No
at 220/230 V rated value at 460/480 V rated value 20 hp at 575/600 V rated value 25 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 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  apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent pick-up power of magnet c	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value  at 575/600 V rated value  25 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  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  accontact 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  apparent holding power of magnet coil at AC  as Auxiliary contacts and auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and auxiliary contacts and apparent holding power of magnet coil at AC  apparent holding power of magnet coil at AC  as Auxiliary contacts and auxiliary contacts and apparent holding power of magnet coil at AC  apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC  as Auxiliary contacts and apparent holding power of magnet coil at AC	• at 200/208 V rated value	10 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 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 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 79 VA apparent holding power of magnet coil at AC 8.5 VA	• at 220/230 V rated value	10 hp
Contactor         number of NO contacts for main contacts       3         operating voltage for main current circuit at AC at 60 Hz 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       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       10A@600V(A600), 2.5A@600V(Q600)         Coil       79 VA         apparent holding power of magnet coil at AC       79 VA         apparent holding power of magnet coil at AC       8.5 VA	• at 460/480 V rated value	20 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 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  apparent holding power of magnet coil at AC  apparent holding power of magnet coil at AC  apparent maximum as 600 V  30 000 000  10	• at 575/600 V rated value	25 hp
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 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  apparent holding power of magnet coil at AC  apparent holding power of magnet coil at AC  8.5 VA	Contactor	
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  8.5 VA	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  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  8.5 VA		600 V
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  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  8.5 VA	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  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  8.5 VA		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  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  8.5 VA	Auxiliary contact	
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  8.5 VA	number of NC contacts for auxiliary contacts	1
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  8.5 VA	number of NO contacts for auxiliary contacts	1
Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  8.5 VA	number of total auxiliary contacts maximum	8
apparent pick-up power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 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 8.5 VA	Coil	
	apparent pick-up power of magnet coil at AC	79 VA
operating range factor control supply voltage rated value of 0.8 1.1	apparent holding power of magnet coil at AC	8.5 VA
	operating range factor control supply voltage rated value of	0.8 1.1

Siemens

magnet coil	9 40 mg
ON-delay time	8 40 ms
OFF-delay time	4 16 ms
Overload relay	
product function	V
overload protection	Yes
• test function	Yes
external reset	Yes
reset function	Manual, automatic and remote (with optional accessory)
adjustment range of thermal overload trip unit	28 40
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1 FA @COOMAC (DCOOM 4A @CFOMDC (DCOOM)
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 1 standard size enclosure
design of the housing	indoors, usable on a general basis
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	18 21 lbf·in
type of connectable conductor cross-sections at line-side for	2x (16 12), 2x (14 8)
AWG cables single or multi-stranded	, , ,
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	18 21 lbf-in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (16 12), 2x (14 8)
temperature of the conductor for load-side outgoing feeder maximum permissible	00 °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 (16 12), 2x (14 8)
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)
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)

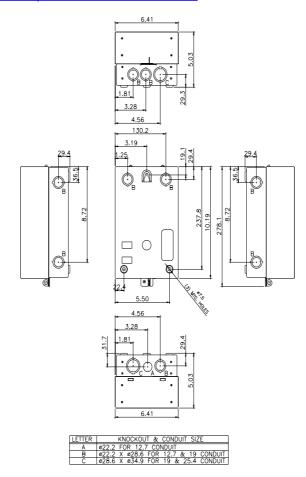
m/mall/en/us/Catalog/product?mlfb=3RE4122-7AA11-4FF6

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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=3RE4122-7AA11-4FF6&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RE4122-7AA11-4FF6&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-7AA11-4FF6/certificate



1/25/2022 last modified:

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