SIEMENS

Data sheet

3RE4122-4CA31-1EY0



STARTER,FVNR,S0,3PH,THOLR,120V,N3R/4/12

product brand name product designation product designation product designation product feature No factory installed accessories General technical data weight [ib] Height x Width x Depth [in] 12 x 10 x 6 in Nuch protection against electrical shock No for enclosed products installation altitude [fit] at height above sea level maximum country of origin Germany Power and control electronics unumber of poles for main current circuit 3 type of voltage of the control supply voltage outnot supply voltage 4 at AC at 50 Hz rated value 4 at AC at 60 Hz rated value 4 at AC at 60 Hz rated value 5 at AC at 60 Hz rated value 7 x 5 x 9 yielded mechanical performance [hip] for 3-phase AC motor 4 at 200/208 V rated value 7 x 5 x 9 at 575:600 V rated value 7 x 5 x 9 at 4575:600 V rated value 9 at 4575:600 V rated value 0 contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 0 contacts for auxiliary contacts 1 number of NC contacts for auxiliary c		
special product feature No factory installed accessories Ceneral technical data weight [b] 15 b Height x Width x Depth [in] 12 x 10 x 6 in No for enclosed products installation altitude [ft] at height above sea level maximum 6 550 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 4 at AC at 50 Hz rated value 110 V • at AC at 50 Hz rated value 120 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V rated value 3 hp • at 42 20/230 V rated value 3 hp • at 4575/600 V rated value 10 hp • at 575/600 V rated value 10 hp Contactor number of NC contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz moskimum potential service life (operating cycles) of the main contacts 10 number of NC contacts for auxiliary contacts 1 1 number of NC contacts for auxiliary contacts 1 1 number of NC contacts for auxiliary contacts 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	product brand name	Siemens
Weight [16] 15 lb 15 lb 15 lb 12 × 10 × 6 in 12 × 10 × 6 in 10 vol- protection against electrical shock NA for enclosed products installation altitude [if] at height above sea level maximum 6 550 ft 10 vol- protection against electrical shock NA for enclosed products 10 vol- protection against electrical shock NA for enclosed products 10 vol- protection 10	product designation	Non-reversing motor starter
weight [1b]	special product feature	No factory installed accessories
Height x Width x Depth [in] touch protection against electrical shock Installation altitude [ft] at height above sea level maximum of ofigin Germany Power and control electronics number of poles for main current circuit Stype 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 20/230 V rated value • at 20/230 V rated value • at 450/4500 V rated value • at 4575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 675/300 V	General technical data	
touch protection against electrical shock installation altitude (fil) 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 110 V • at AC at 50 Hz rated value 120 V disconnector functionality yeielded mechanical performance (hp) for 3-phase AC motor • at 220/230 V rated value 3 hp • at 220/230 V rated value • at 46/480 V rated value • at 46/480 V rated value 10 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 2 number of NO contacts for auxiliary contacts 2 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 NO No delay time 9 38 ms OFF-delay time 4 16 ms	weight [lb]	15 lb
installation altitude [ft] at height above sea level maximum country of origin Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage et at AC at 50 Hz rated value 110 V at AC at 60 Hz rated value 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 3 hp at 220/230 V rated value 3 hp at 250/230 V rated value 3 hp at 250/230 V rated value 10 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 auxillary contacts 1 number of NO contacts for auxillary contact 1 number of NO contacts for auxillary contacts 1 number of NO contacts for auxillary cont	Height x Width x Depth [in]	12 × 10 × 6 in
country of origin Germany 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 60 Hz rated value 110 V disconnector functionality No yielded mechanical performance (hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 675/600 V rated value • at 675/600 V rated value • at 670 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 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	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 110 V • at AC at 50 Hz rated value 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 3 hp • at 220/230 V rated value 3 hp • at 2575/600 V rated value 3 thp • at 575/600 V rated value 5 to perating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz mumber of NC contacts for auxiliary contacts 1 number of NC dauxiliary 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	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 at AC at 50 Hz rated value at AC at 50 Hz rated value 110 V at AC at 60 Hz rated value 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 220/230 V rated value at 220/230 V rated value at 575/600 V rated value at 575/600 V rated value but at 575/600 V rated value out 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 at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxillary contact number of NC contacts for auxiliary contacts 1 number of NC auxiliary contacts for auxiliary contacts 1 number of total auxiliary contacts for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 0 FF-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 • at 200/208 V rated value • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • be at 575/600 V rated value • at 575/600 V rated val	Power and control electronics	
control supply voltage at AC at 50 Hz rated value 110 V at AC at 50 Hz rated value 120 V disconnector functionality vielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 3 hp at 220/230 V rated value 3 hp at 460/480 V rated value 7.5 hp at 575/600 V rated value 10 hp Contactor number of NO contacts for main contacts operating voltage at AC-3 rated value maximum foo 00 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 for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 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 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 3 hp at 220/230 V rated value 3 hp at 60/480 V rated value 7.5 hp at 675/600 V rated value 7.5 hp number of NO contacts for main contacts mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts for auxiliary contacts 10 000 000 Maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts for auxiliary contacts 1 0 000 000 Auxiliary contact 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 contacts for auxiliary contacts 1 1 number of NO contacts for auxiliary contacts 1 1 number of total auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 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	type of voltage of the control supply voltage	AC
at AC at 60 Hz rated value disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value to hip contactor number of NC contacts for main contacts 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 number of total auxiliary contacts for auxiliary contacts anaximum 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 1 0 No value value is AC in the main contact of the magnet coil 4 16 ms	control supply voltage	
disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 475/600 V rated value • at 575/600 V rated value 10 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 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 apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 0 Ho On One Auxiliary ON-delay time 0 Ho One	• at AC at 50 Hz rated value	110 V
yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value To 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 accontact service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 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	120 V
at 220/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value To 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 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL coil apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 0 st 460/480 V rated value 7.5 hp 600 V	disconnector functionality	No
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 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 at AC-3 rated value maximum accommodate 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 and total auxiliary contacts of total auxiliary contacts of contacts and total auxiliary contacts of auxiliary contacts of contact rating of auxiliary contacts of contactor according to UL coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 3 hp 600 V 10 000 000 10 000 10 000 000 10 000 00	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value at 575/600 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 operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum in 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	• at 200/208 V rated value	3 hp
ontactor 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 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 1 to hp 600 V 10 000 000 10 000 000 10 000 000 10 000 00	• at 220/230 V rated value	3 hp
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 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 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 460/480 V rated value	7.5 hp
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of 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	10 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 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	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 number of NO contacts for auxiliary contacts 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 operating range factor control supply voltage rated value of magnet coil ON-delay time 0 500 V 10 000 000 10 000 000 10 000 000 10 000 00	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 operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 10 000 000 1 000 000 1 000 000 1 000 000		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 OFF-delay time 1 1 1 1 1 1 1 1 1 1 1 1 1	operating voltage at AC-3 rated value maximum	600 V
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 2.5A@600V(Q600) Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms		10 000 000
number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 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	Auxiliary contact	
number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 2.5A@600V(Q600) Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	number of NC contacts for auxiliary contacts	1
contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 10A@600V(A600), 2.5A@600V(Q600) 67 VA 6.5 VA 0.8 1.1 0.8 1.1 10A@600V(A600), 2.5A@600V(Q600)	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 OFF-delay time 67 VA 6.5 VA 0.8 1.1 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 9 38 ms 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	auxiliary contacts of over		Yes Yes Yes Manual, automatic and remote (with optional accessory)
test function external reset reset function adjustment range of therma number of NC contacts of a number of NO contacts of a contact rating of auxiliary could.	auxiliary contacts of over		Yes Yes
external reset reset function adjustment range of therma number of NC contacts of a number of NO contacts of a contact rating of auxiliary could.	auxiliary contacts of over		Yes
reset function adjustment range of therma number of NC contacts of a number of NO contacts of a contact rating of auxiliary co	auxiliary contacts of over		
adjustment range of therma number of NC contacts of a number of NO contacts of a contact rating of auxiliary co UL	auxiliary contacts of over		Manual, automatic and remote (with optional accessory)
number of NC contacts of a number of NO contacts of a contact rating of auxiliary co UL	auxiliary contacts of over		20 4
number of NO contacts of a contact rating of auxiliary could	•	rload rolay	2.8 4
contact rating of auxiliary co	auxiliary contacts of over		1
UL	antacts of avarland ralay		5A@600VAC (B600), 1A@250VDC (R300)
Enclosure	onlacts of overload relay	y according to	3A@000VAC (B000), 1A@230VDC (K300)
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	n for supply voltage line-	-side	Screw-type terminals
tightening torque [lbf·in] for	supply		18 21 lbf·in
type of connectable conduc AWG cables single or multi-		e-side for	2x (16 12), 2x (14 8)
temperature of the conductor	or for supply maximum	permissible	60 °C
material of the conductor fo	or supply		CU
type of electrical connection	n for load-side outgoing	feeder	Screw-type terminals
tightening torque [lbf·in] for	load-side outgoing feed	ler	18 21 lbf·in
type of connectable conduction for load-side outgoing feeder			2x (16 12), 2x (14 8)
temperature of the conductor maximum permissible	or for load-side outgoing	g feeder	60 °C
material of the conductor fo	or load-side outgoing fee	eder	CU
type of electrical connection	n of magnet coil		Screw-type terminals
tightening torque [lbf·in] at n	magnet coil		7 10 lbf·in
type of connectable conduction AWG cables single or multi-		agnet coil for	2x (16 12), 2x (14 8)
temperature of the conductor permissible	or at magnet coil maxim	num	75 °C
material of the conductor at	t magnet coil		CU
type of electrical connection	n for auxiliary contacts		Screw-type terminals
tightening torque [lbf·in] at o	contactor for auxiliary co	ontacts	7 10 lbf·in
type of connectable conductable AWG cables for auxiliary conductables.	ontacts single or multi-st	tranded	2x (20 16), 2x (18 14)
temperature of the conductor maximum permissible		·	75 °C
material of the conductor at	•		CU
type of electrical connection 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		ti-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		iary contacts	CU
Short-circuit current rating		41	Olava I
design of the fuse link for short-circuit protection of the main circuit required		the main	Class J
design of the short-circuit trip		`	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (Icu)		cu)	Ella
• at 240 V			5 kA
at 480 V at 600 V			5 kA
			5 kA
certificate of suitability			UL 60947-4-1
Approvals Certificates			
General Product Approval	est Certificates	other	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=3RE4122-4CA31-1EY0

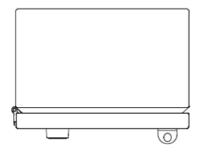
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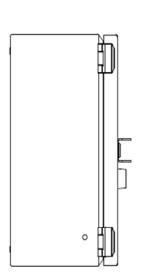
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-4CA31-1EY0/man

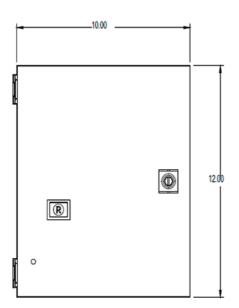
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-4CA31-1EY0&lang=en

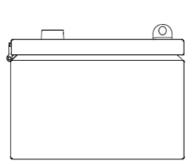
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-4CA31-1EY0/certificate









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