SIEMENS

Data sheet

3RE4122-8CA31-4NF6



STARTER, 3RE41228CA314NY0, WITH MODS

product brand name product designation special product feature Hand-Off-Auto Selector Switch Ceneral technical data weight [lb] Height x Width x Depth [in] 12 x 10 x 6 in 12 x 10 x 6 in 12 x 10 x 6 in 15 lb Height x Width x Depth [in] 12 x 10 x 6 in 16 x 10 x 10 x 10 in 17 x 10 x 10 in 18 x 10 x 10 x 10 in 18 x 10 x 10 x 10 in 18 x 10 x 10 x 10 x 10 in 18 x 10 x				
special product feature General technical data weight [b] Height x Width x Depth [in] 12 × 10 × 6 in 10 vub protection against electrical shock Installation altitude [ft] at height above sea level maximum country of origin Country of	product brand name	Siemens		
Weight [Ib] 15 Ib Height X Width X Depth [in] 12 × 10 × 6 in Itouch protection against electrical shock NA for enclosed products installation altitude [it] 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 Iype of voltage of the control supply voltage AC control supply voltage 4 • at AC at 50 Hz rated value 110 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor 4 at 200/208 V rated value 10 hp • at 200/208 V rated value 25 hp • at 460/480 V rated value 25 hp • at 460/480 V rated value 25 hp • at 575/600 V rated value 25 hp • at 575/600 V rated value 30 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 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 600 V mechanical service life (operating cycles) of the main contacts 1 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary co	product designation	Non-reversing motor starter		
weight [b] Height X Width X Depth [in] 12 × 10 × 6 in 13 × 10 × 6 in 14 × 10 × 6 in 15 × 10 × 6 in 15 × 10 × 6 in 16 × 10 × 6 in 16 × 10 × 6 in 17 × 10 × 6 in 18 × 10 × 6 in 18 × 10 × 10 × 6 in 18 × 10 × 10 × 10 × 10 × 10 × 10 × 10 ×	special product feature	Hand-Off-Auto Selector Switch		
Height x Width x Depth [in] 12 × 10 × 6 in 15 touch protection against electrical shock 16 5606 ft 17 country of origin 18 country of origin 19 cormany 19 cover and control electronics 19 control supply voltage 10 of 4 control supply voltage 10 of 4 control supply voltage 110 V 110 V	General technical data			
touch protection against electrical shock installation altitude (fi) 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 yielded mechanical performance (hp) for 3-phase AC motor • at 220/230 V rated value 10 hp • at 8C 20/230 V rated value 11 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 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	weight [lb]	15 lb		
installation altitude [ft] at height above sea level maximum Country of origin Country of origin Power and control electronics number of poles for main current circuit 1ype 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 10 hp at 220/230 V rated value 25 hp at 460/480 V rated value 25 hp 25 hp 26 contactor number of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary con	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 vielded mechanical performance [np] 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 575/600 V rated value • at 575/600 V rated value • at 60 No contacts for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum food V mechanical service life (operating cycles) of the main contacts number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 number of	touch protection against electrical shock	NA for enclosed products		
number of poles for main current circuit type of voltage of the control supply voltage • at AC at 50 Hz rated value • at 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 vielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 10 hp • at 220/230 V rated value • at 257/5/600 V rated value 25 hp Contactor number of NC contacts for main contacts splical service life (operating cycles) of the main contacts typical Auxillary 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 NC 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 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 NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 3 number of NC contacts for auxiliary contacts 4 number of NC contacts for auxiliary contacts 5 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 3 number of NC contacts for auxiliary contacts 3 number of NC contacts for auxiliary contacts 4 number of NC contacts for auxiliary contacts 5 number of NC contacts for auxiliary contacts of contactor according to UL 0 number of NC contacts for auxiliary contacts of contactor according to UL 0 number of NC contacts of contactor according to UL 0 number of NC contacts of contactor according to UL 0 number of NC contacts of contactor according to UL 0 number of NC contacts of contactor according to UL 0 number of NC contacts of contactor according to UL 0 number of NC contacts of contactor according to UL 0 number of NC contacts of contactor according to UL 0 number of NC contacts of	installation altitude [ft] at height above sea level maximum	6 560 ft		
number of poles for main current circuit type of voltage of the control supply voltage control supply voltage at AC at 50 Hz rated value 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 10 hp at 220/230 V rated value 25 hp at 675/600 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 per advalue at Contacts for auxiliary contacts 10 number of NC contacts for auxiliary contacts 11 number of NC contacts for auxiliary contacts 12 number of NC contacts for auxiliary contacts 13 number of NC contacts for auxiliary contacts 14 number of NC contacts for auxiliary contacts 15 number of NC contacts for auxiliary contacts 16 number of NC contacts for auxiliary contacts 17 number of NC contacts for auxiliary contacts 18 contact rating of auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contacts for auxiliary contacts of contactor according to UL 10 number of NC contactor for for for for for for for for for f	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 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 600 V • anaximum • operating voltage at AC-3 rated value maximum • operating voltage at AC-3 rated value maximum • operating rontact if (operating cycles) of the main contacts typical • at 575/600 V rated value • at 600 V • anaximum • at 600 V • a	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 10 hp at 220/230 V rated value 10 hp at 450/480 V rated value 25 hp contactor number of NO contacts for main contacts operating voltage at AC-3 rated value maximum at a contact rating of NO 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 for ontactor according to UL Coil apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC apparent noting power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 4 4 oms 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 10 hp at 220/230 V rated value 10 hp at 480/480 V rated value 25 hp at 575/600 V rated value 25 hp number of NO contacts for main contacts 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 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 total 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 79 VA apparent holding power of magnet coil at AC 79 VA apparent holding power of magnet coil at AC 8.5 VA operating range factor control supply voltage rated value of magnet coil ON-delay time 8 40 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 10 hp at 220/230 V rated value 25 hp at 460/480 V rated value 25 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 mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts for auxiliary contacts of contact of contacts of contact	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 • 25 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 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 operating range factor control supply voltage rated value of magnet coil ON-delay time 0 FF-delay time 4 16 ms	• 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 460/480 V rated value • at 575/600 V rated value • at 575/600 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 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 NC contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 8 40 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 4575/600 V rated value at 575/600 V rated value at 575/600 V rated value at 600 V Inumber 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 one of NC contacts 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 acontact 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 8 40 ms OFF-delay time 4 16 ms	disconnector functionality	No		
at 220/230 V rated value at 460/480 V rated value 25 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 et ife (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 operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 10 hp 600 V 600 V 70 V 800 V 80	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 3 operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum auxiliary contact number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of 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 -8 1.1 ON-delay time 4 16 ms	at 200/208 V rated value	10 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 operating voltage at Goperating 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 0 FF-delay time 2 b p 4 16 ms	• at 220/230 V rated value	10 hp		
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 5 000 V 000 000 000 000 000 000 000 000 0	• at 460/480 V rated value	25 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 Doll 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 8 40 ms OFF-delay time 4 16 ms	● 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 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 0FF-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 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 79 VA apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 0FF-delay time 4 16 ms	number of NO contacts for main contacts	3		
mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 0FF-delay time 30 000 000 1 10 000 000 1 10 000 000 1 10 000 000 10 000 000 10 1	· · · · · · · · · · · · · · · · · · ·	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 operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 4 16 ms	operating voltage at AC-3 rated value maximum	600 V		
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 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		30 000 000		
number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 0FF-delay time 10A@600V(A600), 2.5A@600V(Q600) 79 VA 8.5 VA 0.8 1.1 0.8 1.1 8 40 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 0FF-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) 79 VA 8.5 VA 0.8 1.1 0.8 1.1 8 40 ms	number of NO contacts for auxiliary contacts	1		
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 79 VA 8.5 VA 0.8 1.1 8 40 ms 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 8 40 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 OFF-delay time 0.8 1.1 8 40 ms 4 16 ms	apparent pick-up power of magnet coil at AC	79 VA		
magnet coil ON-delay time 8 40 ms OFF-delay time 4 16 ms	apparent holding power of magnet coil at AC	8.5 VA		
OFF-delay time 4 16 ms		0.8 1.1		
·	ON-delay time	8 40 ms		
Overload relay	OFF-delay time	4 16 ms		
	Overload relay			

product function						
 overload protection 	on		Yes			
 test function 			Yes			
external reset			Yes			
reset function			Manua	l, automatic and remote	(with optional accessory)	
adjustment range of the	rmal overload trip unit		23 2	28		
	of auxiliary contacts of ov		1			
number of NO contacts	of auxiliary contacts of ov	erload relay	1			
contact rating of auxiliar UL	ry contacts of overload rel	ay according to	5A@6	00VAC (B600), 1A@250	OVDC (R300)	
Enclosure			-	_		
	MA rating of the enclosur	<u> </u>	NEMA	3/3R/4/12 enclosure		
design of the housing	MA rating of the enclosur			watertight for outdoor	A SUL	
Mounting/wiring			Dust- (x watertight for outdoor t	use	
3 3			vertice	1		
mounting position			vertica			
fastening method				e mounting and installat	ion	
	ction for supply voltage lin	e-side		-type terminals		
tightening torque [lbf·in]				21 lbf·in		
type of connectable con AWG cables single or m	nductor cross-sections at li nulti-stranded	ine-side for	2x (16	12), 2x (14 8)		
temperature of the cond	ductor for supply maximun	n permissible	60 °C			
material of the conducto	or for supply		CU			
type of electrical connec	ction for load-side outgoin	g feeder	Screw-	-type terminals		
tightening torque [lbf·in]	for load-side outgoing fee	eder	18 2	1 lbf·in		
	nductor cross-sections for eeder single or multi-stran		2x (16 12), 2x (14 8)			
temperature of the cond maximum permissible	ductor for load-side outgoi	ng feeder	60 °C			
material of the conducto	or for load-side outgoing fe	eeder	CU			
type of electrical connec	ction of magnet coil		Screw-	-type terminals		
tightening torque [lbf·in]	at magnet coil		7 10) lbf·in		
type of connectable con AWG cables single or m	nductor cross-sections of r	nagnet coil for	2x (16 12), 2x (14 8)			
temperature of the cond	ductor at magnet coil maxi	mum	75 °C			
material of the conducto	or at magnet coil		CU			
type of electrical connec	ction for auxiliary contacts		Screw-	type terminals		
tightening torque [lbf·in]	at contactor for auxiliary	contacts	7 10) lbf·in		
31	nductor cross-sections at only contacts single or multi-		2x (20	16), 2x (18 14)		
temperature of the cond maximum permissible	ductor at contactor for aux	iliary contacts	75 °C			
material of the conducto	or at contactor for auxiliary	/ contacts	CU			
type of electrical connections	ction at overload relay for	auxiliary	Screw-type terminals			
tightening torque [lbf·in]	at overload relay for auxil	liary contacts	7 10) lbf-in		
type of connectable con	nductor cross-sections at ciliary contacts single or mi	overload relay	2x (20 16), 2x (18 14)			
	ductor at overload relay for		70 °C	70 °C		
·	or at overload relay for aux	xiliary contacts	CU	CU		
Short-circuit current rati	-	, , , , , , , , , , , , , , , , , , , ,				
	or short-circuit protection of	of the main	Class J			
design of the short-circu				Thermal magnetic circuit breaker		
maximum short-circuit current breaking capacity (Icu)		Henn				
• at 240 V	a one or outling capacity (5 kA				
● at 240 V			5 kA			
● at 480 V			5 kA			
				047.4.1		
certificate of suitability Approvals Certificates			OL 608	947-4-1		
General Product Ap-						
proval	Test Certificates	other		Dangerous Good	Environment	





Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=3RE4122-8CA31-4NF6

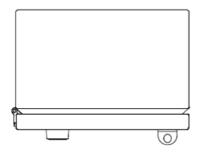
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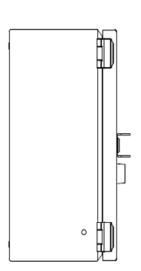
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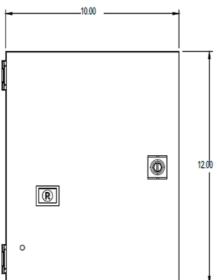
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-8CA31-4NF6&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-8CA31-4NF6/certificate









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