SIEMENS

Data sheet

3RE4122-5CA31-1EF6



STARTER, 3RE41225CA311EY0, WITH MODS

product designation product designation product designation product designation product feature Hand-Off-Auto Selector Switch General technical data weight [ib] 15 ib Height X Width X Depth [in] 12 × 10 × 6 in touch protection against electrical shock Installation altitude [fit] at height above sea level maximum of 6560 ft country of origin Cermany Power and control electronics number of poles for main current circuit 3 (type of voltage of the control supply voltage at 1AC at 50 Hz rated value 110 V 14 at 200208 V rated value 120 V disconnector functionality 15 hp 16 at 3004080 V rated value 15 hp 16 hp 17 bp 18 at 575600 V rated value 16 hp 16 hp 17 bp 18				
special product feature General technical data weight [Ib] Height x Width x Depth [in] 12 x 10 x 6 in 13 x 10 x 6 in 14 x 10 x 6 in 15 touch protection against electrical shock Instalation altitude [ft] at height above sea level maximum 16 550 ft 17 country of origin C	product brand name	Siemens		
Weight [b] 15 15 15 16 12 × 10 × 6 in 16 16 16 16 16 16 16 1	product designation	Non-reversing motor starter		
weight [b] Height x Width x Depth [in] 12 x 10 x 6 in 12 x 10 x 6 in 15 touch protection against electrical shock installation altitude [ft] at height above sea level maximum 6 550 ft 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 60 Hz rated value • at AC at 60 Hz rated value • at 200208 V rated value • at 200208 V rated value • at 200208 V rated value • at 200200 V rated value • at 460/480 V rated value • at 675/600 V rated value • at 676/600 V rated	special product feature	Hand-Off-Auto Selector Switch		
Height x Width x Depth [in] 12 × 10 × 6 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6 560 ft country of origin Germany Power and control electronics number of poles for main current circuit type of voltage of the control supply voltage AC control supply voltage 4 AC control supply voltage 6 AC control supply voltage 7 AC control supply voltage 7 AC control supply voltage 8 AC control supply voltage 8 AC control supply voltage 9 AC control supply voltage 1 AC control supply voltage 9 AC control supply voltage 1 AC control su	General technical data			
touch protection against electrical shock installation altitude (II) at height above sea level maximum country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage at AC at 50 Hz rated value 110 V at AC at 50 Hz rated value 120 V disconnector functionality y elided mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 5 hp at 460/480 V rated value 5 hp at 460/480 V rated value 5 hp at 575/600 V rated value 5 hp at 575/600 V rated value 600 V maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxillary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 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 N	weight [lb]	15 lb		
Installation altitude [ft] at height above sea level maximum 6 560 ft country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage out of AC at 60 Hz rated value 110 V • at AC at 60 Hz rated value 120 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 5 hp • at 250/230 V rated value 10 hp • at 575/500 V rated value 15 hp • at 575/500 V rated value 15 hp Contactor number of NO contacts for main contacts 2 operating voltage for main current circuit at AC at 60 Hz maximum 2 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 1 number of total auxiliary contacts 1 number of total auxiliary contacts on a contact according to UL Coil apparent pick-up power of magnet coil at AC 6 for VA 6 apparent holding power of magnet coil at AC 6.5 VA operating range factor control supply voltage rated value of magnet coil are 4 16 ms	Height x Width x Depth [in]	12 × 10 × 6 in		
Country of origin Germany Power and control electronics Inumber of poles for main current circuit Itype of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 60 Hz rated value • at 200/208 V rated value • at 2200/230 V rated value • at 2200/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at operating voltage 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 Auxillary contact number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 1 number of NO contacts for auxillary contacts 2 number of NO contacts for auxillary contacts 1 number of NO contacts for auxillary contacts 2 number of NO contacts for auxillary contacts 3 number of NO contacts for auxillary contacts 1 number of	touch protection against electrical shock	NA for enclosed products		
number of poles for main current circuit 1 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 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 200/208 V rated value • at 250/300 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 600 V maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage for operating cycles) of the main contacts stypical Auxillary contact number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of total auxiliary contacts number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Ooi apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time	installation altitude [ft] at height above sea level maximum	6 560 ft		
number of poles for main current circuit type of voltage of the control supply voltage control supply voltage at AC at 50 Hz rated value 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 5 hp at 220/230 V rated value 5 hp at 250/300 V rated value 10 hp at 575/600 V rated value 5 hp Contactor number of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxillary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 4 number of NO contacts for auxiliary contacts 5 number of NO contacts for auxiliary contacts 6 NO contact rating of auxiliary contacts of contactor according to UL coil apparent pick-up power of magnet coil at AC 6 NO contact for auxiliary contacts of contactor according to UL coil apparent pick-up power of magnet coil at AC 6 NO contact for auxiliary contacts of contactor according to UL coil apparent pick-up power of magnet coil at AC 6 NO contact for auxiliary contacts of contactor according to UL coil apparent pick-up for magnet coil at AC 6 NO contact for auxiliary contacts of contactor according to UL 0 NO-delay time 9 38 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 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 220/220 V rated value 5 hp at 220/230 V rated value 10 hp at 460/480 V rated value 10 hp at 575/600 V rated value 15 hp Contactor number of NO contacts for main contacts operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value voltage	Power and control electronics			
control supply voltage at AC at 50 Hz rated value 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 5 hp at 220/230 V rated value 5 hp at 60/480 V rated value 10 hp at 575/600 V rated value 15 hp Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum foot ov mechanical service life (operating cycles) of the main contacts typical number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts for contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	number of 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 at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value be at 575/600 V rated value at 575/600 V rated value at 575/600 V rated value at 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 NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 100 V	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 460/480 V rated value at 5 hp at 5 hp at 575/600 V rated value be at 575/600 V rated value at 600 V rated value 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 number of NC contacts for auxiliary contacts number of total auxiliary contacts maximum accontact 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 10 hp 10 h	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 4575/600 V rated value • at 575/600 V rated value 10 hp • at 575/600 V rated value 7 number of NO contacts for main contacts 7 operating voltage for main current circuit at AC at 60 Hz 7 maximum 7 operating voltage at AC-3 rated value maximum 8 operating voltage at AC-3 rated value maximum 9 mechanical service life (operating cycles) of the main contacts 1 typical Auxiliary contact 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 9 apparent holding power of magnet coil at AC 9 operating range factor control supply voltage rated value of magnet coil 0 N-delay time 9 38 ms OFF-delay time 5 hp 6	 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 55 hp • at 460/480 V rated value • at 575/600 V rated value • 10 hp • at 575/600 V rated value Tonumber of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum machanical 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 contact rating of auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	at AC at 60 Hz rated value	120 V		
at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 675/600 V rated value be at 575/600 V rated value 10 hp at 575/600 V rated value 15 hp Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	disconnector functionality	No		
at 220/230 V rated value at 460/480 V rated value to hp at 575/600 V rated value 15 hp Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 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 NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 5 hp 10	yielded mechanical performance [hp] for 3-phase AC motor			
at 460/480 V rated value bat 575/600 V rated value Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum scontact 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 OFF-delay time 10 hp 15 hp 16 hp 16 hp 16 NO 17 NO 18 NO 18 NO 18 NO 19 NO 19 NO 10 NO	at 200/208 V rated value	5 hp		
• at 575/600 V rated value Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage 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 operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time	at 220/230 V rated value	5 hp		
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 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	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 number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	at 575/600 V rated value	15 hp		
operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 600 V 30 000 000 100 V	Contactor			
maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 2.5A@600V(Q600) Coil apparent pick-up power of magnet coil at AC 4 apparent holding power of magnet coil at AC 5 operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	number of NO contacts for main contacts	3		
mechanical service life (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms		600 V		
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	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 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		30 000 000		
number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 201 201 201 201 201 201 201 20	Auxiliary contact			
number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 2.5A@600V(Q600) Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	number of NC contacts for auxiliary contacts	1		
contact rating of auxiliary contacts of contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 10A@600V(A600), 2.5A@600V(Q600) 67 VA 6.5 VA 0.8 1.1 9 38 ms 4 16 ms	number of NO contacts for auxiliary contacts	1		
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	number of total auxiliary contacts maximum	8		
apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	contact rating of auxiliary contacts of contactor according to UL	10A@600V(A600), 2.5A@600V(Q600)		
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time OFF-delay time 4 16 ms	Coil			
operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	apparent pick-up power of magnet coil at AC	67 VA		
magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	apparent holding power of magnet coil at AC	6.5 VA		
OFF-delay time 4 16 ms		0.8 1.1		
·	ON-delay time	9 38 ms		
Overload relay	OFF-delay time	4 16 ms		
	Overload relay			

need set from etion			-			
product function	an.		Voo			
overload protection test function	ות		Yes Yes			
test functionexternal reset			Yes			
reset function				al automatic and romate	(with entianal accessory)	
	rmal avarland trip unit			·	e (with optional accessory)	
adjustment range of the	· · · · · · · · · · · · · · · · · · ·	vorload rolay	2.8 4	4		
	of auxiliary contacts of over		1			
	of auxiliary contacts of overload re-	•	_	00VAC (B600), 1A@250	0\\DC \B300\	
UL UL	y contacts of overload re	lay according to	SAWO	00VAC (B000), 1A@250	0VDC (K300)	
Enclosure						
degree of protection NE	MA rating of the enclosur	re	NEMA	3/3R/4/12 enclosure		
design of the housing			Dust- (& watertight for outdoor	use	
Mounting/wiring						
mounting position			vertica	ıl		
fastening method			Surfac	e mounting and installat	tion	
type of electrical connec	ction for supply voltage lir	ne-side	Screw	-type terminals		
tightening torque [lbf·in]	for supply		18 2	21 lbf·in		
type of connectable con AWG cables single or m	ductor cross-sections at l nulti-stranded	line-side for	2x (16 12), 2x (14 8)			
temperature of the cond	luctor for supply maximur	m permissible	60 °C			
material of the conducto	r for supply		CU			
type of electrical connec	ction for load-side outgoin	ng feeder	Screw-type terminals			
tightening torque [lbf·in]	for load-side outgoing fee	eder	18 21 lbf·in			
	ductor cross-sections for eeder single or multi-strar		2x (16 12), 2x (14 8)			
temperature of the cond maximum permissible	luctor for load-side outgo	ing feeder	0° °C			
material of the conducto	or for load-side outgoing f	eeder	CU			
type of electrical connec	tion 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	ductor cross-sections of nulti-stranded	magnet coil for	2x (16 12), 2x (14 8)			
temperature of the cond permissible	luctor at magnet coil max	imum	75 °C			
material of the conducto	r at magnet coil		CU			
type of electrical connec	ction for auxiliary contacts	3		-type terminals		
tightening torque [lbf·in]	at contactor for auxiliary	contacts	7 10			
AWG cables for auxiliary	ductor cross-sections at y contacts single or multi-	-stranded	2x (20 16), 2x (18 14)			
maximum permissible	luctor at contactor for aux		75 °C			
	or at contactor for auxiliar	•	CU			
contacts	ction at overload relay for			Screw-type terminals		
tightening torque [lbf·in] at overload relay for auxiliary contacts			7 10 lbf-in			
for AWG cables for auxi	ductor cross-sections at o	nulti-stranded		2x (20 16), 2x (18 14)		
contacts maximum perm	temperature of the conductor at overload relay for auxiliary contacts maximum permissible		70 °C			
	or at overload relay for au	xiliary contacts	CU			
Short-circuit current rati		£11 :	Ci			
design of the fuse link for short-circuit protection of the main circuit required		Class J				
design of the short-circuit trip		Therm	Thermal magnetic circuit breaker			
maximum short-circuit current breaking capacity (Icu)		5	514			
• at 240 V				5 kA		
• at 480 V			5 kA			
• at 600 V				5 kA		
certificate of suitability UL 60947-4-1						
Approvals Certificates						
General Product Ap-						





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=3RE4122-5CA31-1EF6

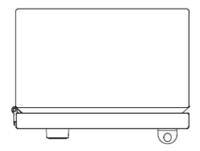
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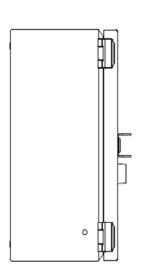
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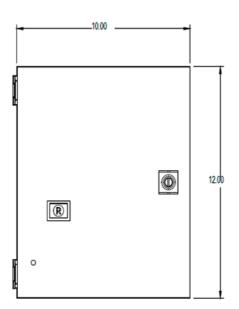
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-5CA31-1EF6&lang=en

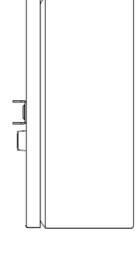
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-5CA31-1EF6/certificate

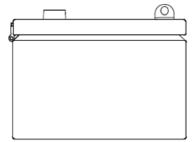








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last modified: 4/15/2021 ☑