SIEMENS

Data sheet

3RE4122-4CA31-1KB0



STARTER, 3RE41224CA311KB0, WITH MODS

and that broad a page	Ciamana
product brand name	Siemens
product designation	Non-reversing motor starter
special product feature	Start-Stop Push Buttons
General technical data	
weight [lb]	15 lb
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	3
type of voltage of the control supply voltage	AC
control supply voltage	
 at AC at 50 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	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	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	
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	67 VA
apparent holding power of magnet coil at AC	6.5 VA
operating range factor control supply voltage rated value of magnet coil	0.8 1.1
ON-delay time	9 38 ms
OFF-delay time	4 16 ms
Overload relay	

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design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Class J Thermal magnetic circuit breaker		CU
circuit required design of the short-circuit trip Thermal magnetic circuit breaker		
	·	Class J
maximum short circuit current breaking canacity (lou)	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	•	UL 60947-4-1
Approvals Certificates		
General Product Approval Test Certificates other Dangerous Good Environment	· Lest 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=3RE4122-4CA31-1KB0

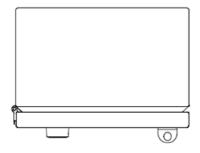
Search Datasheet in Service&Support (Manuals)

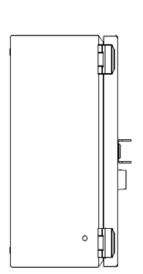
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-4CA31-1KB0/man

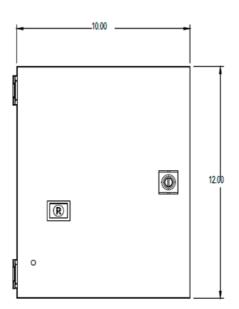
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-4CA31-1KB0&lang=en

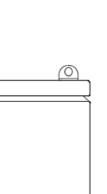
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-4CA31-1KB0/certificate









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last modified: 4/15/2021 ☑