SIEMENS

Data sheet





product brand name	Siemens	
product designation	Non-reversing motor starter	
special product feature	Hand-Off-Auto Selector Switch, CPT Std Capacity 480/240:120V	
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	7.5 hp	
• at 220/230 V rated value	7.5 hp	
• at 460/480 V rated value	15 hp	
• at 575/600 V rated value	20 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	79 VA	
apparent holding power of magnet coil at AC	8.5 VA	
operating range factor control supply voltage rated value of magnet coil	0.8 1.1	
ON-delay time	8 40 ms	
OFF-delay time	4 16 ms	
Overload relay		

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• at 240 V 5 kA	
• at 480 V 5 kA	
• at 600 V 5 kA	
certificate of suitability UL 60947-4-1	
Approvals Certificates Consert Product An	
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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=3RE4122-6CA31-4PH3

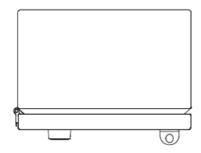
Search Datasheet in Service&Support (Manuals)

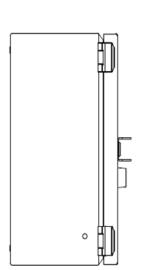
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-6CA31-4PH3/man

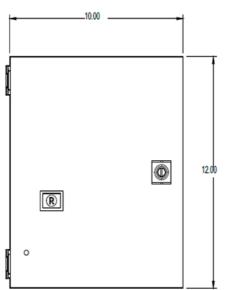
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-6CA31-4PH3&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-6CA31-4PH3/certificate









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last modified: 4/15/2021 ☑