## **SIEMENS**

## **Data sheet**

3RE4123-6CA11-4FF6

STARTER, 3RE41236CA114FY0, WITH MODS



product brand name	Siemens
product designation	Non-reversing motor starter  Hand-Off-Auto Selector Switch
special product feature  General technical data	Hand-Oil-Addo Selector Switch
	24 lb
weight [lb]	21 lb
Height x Width x Depth [in]	14 × 12 × 8 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	24 V
at AC at 60 Hz rated value	24 V
disconnector functionality	No
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	15 hp
• at 220/230 V rated value	15 hp
• at 460/480 V rated value	40 hp
● at 575/600 V rated value	50 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), 5A@600V(P600)
Coil	
apparent pick-up power of magnet coil at AC	188 VA
apparent holding power of magnet coil at AC	16.5 VA
operating range factor control supply voltage rated value of magnet coil	0.8 1.1
ON-delay time	10 80 ms
OFF-delay time	10 18 ms
Overload relay	

overload protection     overload protection     vest function     vest function     vest function     vest function     vest function     adjustment range of thermal overload trip unit     adjustment range of thermal overload trip unit     adjustment range of thermal overload trip unit     number of NC contacts of auxiliary contacts of overload relay     number of NC contacts of auxiliary contacts of overload relay     number of NO contacts of auxiliary contacts of overload relay     contact rating of auxiliary contacts of overload relay     contact rating of auxiliary contacts of overload relay according to     UL      Enclosuro     degree of protection NEMA rating of the enclosure     design of the housing     mounting within     mounting position     fastening method     type of electrical connection for supply voltage line-side     type of electrical connection for supply voltage line-side     implementation of the conductor for supply maximum permissible     material of the conductor for supply     type of connectable conductor cross-sections at line-side for     AWG cables single or multi-stranded     temperature of the conductor for supply     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     type of connectable conductor cross-sections for AWG cables     for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     type of connectable conductor for load-side outgoing feeder     type of electrical connection of magnet coil     type of connectable conductor or magnet coil     type of connectable conductor or load-side outgoing feeder     type of electrical connection of magnet coil     type of electrical connection or auxiliary contacts     type of connectable conductor or auxiliary contacts     type of connectable conductor or auxiliary contac	
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tightening torque [lbf-in] at magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  type of electrical connection for auxiliary contacts  tightening torque [lbf-in] at contactor for auxiliary contacts  type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  7 10 lbf-in 2x (20 16), 2x (18 14)  2x (20 16), 2x (18 14)	
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  type of electrical connection for auxiliary contacts  tightening torque [lbf-in] at contactor for auxiliary contacts  type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  75 °C	
AWG cables single or multi-stranded  temperature of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil  type of electrical connection for auxiliary contacts  tightening torque [lbf-in] at contactor for auxiliary contacts  type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  75 °C	
permissible  material of the conductor at magnet coil  type of electrical connection for auxiliary contacts  tightening torque [lbf·in] at contactor for auxiliary contacts  type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  75 °C	
type of electrical connection for auxiliary contacts  tightening torque [lbf·in] at contactor for auxiliary contacts  type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  7 10 lbf·in  2x (20 16), 2x (18 14)  75 °C	
tightening torque [lbf-in] at contactor for auxiliary contacts  7 10 lbf-in  type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  7 10 lbf-in  2x (20 16), 2x (18 14)	
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  75 °C	
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  75 °C	
·	
material of the conductor at contactor for auxiliary contacts  CU	
type of electrical connection at overload relay for auxiliary 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	
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	
material of the conductor at overload relay for auxiliary contacts  CU	
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required  Class J	
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 Approvals Certificates	
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=3RE4123-6CA11-4FF6

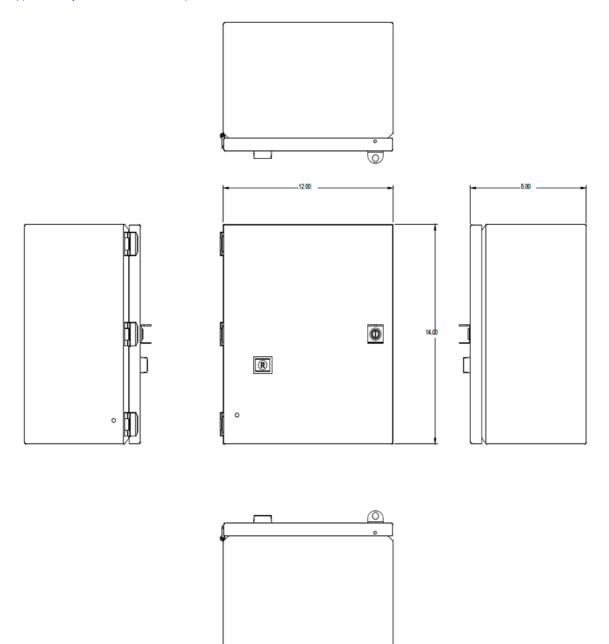
Search Datasheet in Service&Support (Manuals)

https://support.industry.siemens.com/cs/US/en/ps/3RE4123-6CA11-4FF6/man

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RE4123-6CA11-4FF6&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RE4123-6CA11-4FF6&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4123-6CA11-4FF6/certificate



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