SIEMENS

Data sheet

3RE4123-6CA11-4HF6



STARTER, 3RE41236CA114HY0, WITH MODS

1 m	
product brand name	Siemens
product designation	Non-reversing motor starter
special product feature	Hand-Off-Auto Selector Switch
General technical data	
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
ambient temperature [°F] during storage	-22 +149 °F
ambient temperature [°F] during operation	-4 +104 °F
ambient temperature during storage	-30 +65 °C
ambient temperature during operation	-20 +40 °C
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	0.8 1.1

OFF-delay time 1 Overload relay 1 product function 1 • overload protection 1	10 80 ms 10 18 ms
OFF-delay time 1 Overload relay product function • overload protection	10 18 ms
Overload relay product function • overload protection	
product function overload protection 	
overload protection	N/co
	Yes
	Yes
external reset	Yes
	Manual, automatic and remote (with optional accessory)
adjustment range of thermal overload trip unit	40 50
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
	5A@600VAC (B600), 1A@250VDC (R300)
UL	
Enclosure	
	NEMA 3/3R/4/12 enclosure
	Dust- & watertight for outdoor use
Mounting/wiring	e 1
	vertical
	Surface mounting and installation
	Box lug
	26 39 lbf·in 2v (18 2) 1v (18 1)
AWG cables single or multi-stranded	2x (18 2), 1x (18 1)
	60 °C
	Box lug
	26 39 lbf-in
for load-side outgoing feeder single or multi-stranded	2x (18 2), 1x (18 1)
temperature of the conductor for load-side outgoing feeder femaximum permissible	60 °C
material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil	Screw-type terminals
	7 10 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (18 2), 1x (18 1)
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
type of electrical connection for auxiliary contacts	Screw-type terminals
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	2x (20 16), 2x (18 14)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	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	2x (20 16), 2x (18 14)
	70 °C
	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	Class J
	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (Icu)	
	5 kA
• at 480 V	5 kA
• at 600 V	5 kA
certificate of suitability	UL 60947-4-1

Further information

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

www.usa.siemens.com/iccatalog

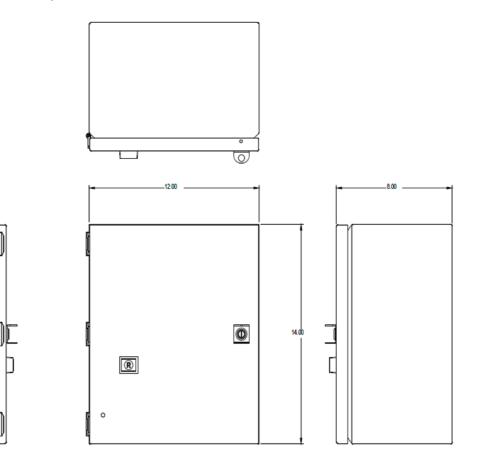
Industry Mall (Online ordering system) all.industry.siemens.com/mall/en/us/Catalog/product?mlfb=3RE4123-6CA11-4HF6 https://m

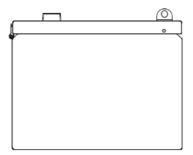
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4123-6CA11-4HF6&lang=en Certificates/approvals

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