SIEMENS

Data sheet

3RE4122-7CA11-1EF6

STARTER, 3RE41227CA111EY0, WITH MODS



product brand name	Siemens		
product designation	Non-reversing motor starter		
special product feature	Hand-Off-Auto Selector Switch		
General technical data	The state of the s		
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	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	10 hp		
• at 220/230 V rated value	10 hp		
• at 460/480 V rated value	20 hp		
● at 575/600 V rated value	25 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			

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			
	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 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 2	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	60 °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	Screw-type terminals			
tightening torque [lbf·in]	at contactor for auxiliary	contacts	7 10 lbf-in			
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			
	ning 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	emperature 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				
			5 kA			
• at 480 V			5 kA			
			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=3RE4122-7CA11-1EF6

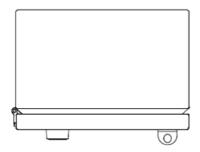
Search Datasheet in Service&Support (Manuals)

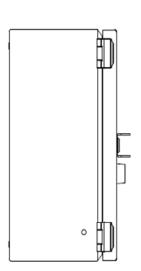
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-7CA11-1EF6/man

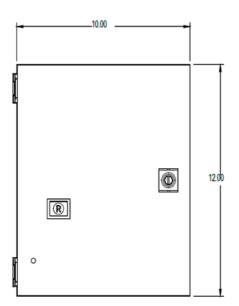
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-7CA11-1EF6&lang=en

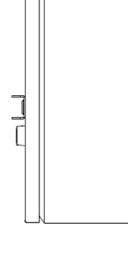
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-7CA11-1EF6/certificate

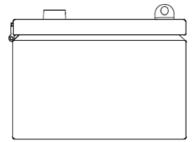








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