## **SIEMENS**

## **Data sheet**

3RE4122-4CA11-1KB0



STARTER, 3RE41224CA111KB0, WITH MODS

product designation product designation product designation product designation product feature Start-Stop Push Buttons  General technical data  weight [Ib]  15 Ib Height X Width X Depth [In] 12 × 10 × 6 in  touch protection against electrical shock NA for enclosed products installation altitude [fit] at height above sea level maximum 6 569 ft country of origin Cermany  Power and control electronica number of poles for main current circuit 3 type of voltage of the control supply voltage at 1AC at 50 Hz rated value 4 at AC at 50 Hz rated value 4 at AC at 50 Hz rated value 5 at 200/208 V rated value 6 at 200/208 V rated value 7 5 hp 4 at 450/480 V rated value 7 5 hp 4 at 57/600 V rated value 7 5 hp 7 5		
special product feature  General technical data  weight [B]  Height x Width x Depth [in]  12 x 10 x 6 in  12 x 10 x 6 in  12 x 10 x 6 in  13 x 10 x 6 in  14 x 10 x 6 in  15 touch protection against electrical shock  Instalation altitude [ft] at height above sea level maximum  6 550 ft  country of origin  Germany  Power and control electronics  number of poles for main current circuit  13 type of voltage of the control supply voltage  14 x 6 x 6 x 15 x 12 rated value  15 x 14 x 15 x 15 x 15 x 15 x 15 x 15 x	product brand name	Siemens
Weight [b] 15 lb 16 legists Width x Depth [in] 12 x 10 x 6 in 10 lours 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 lype of voltage of the control supply voltage AC control supply voltage AC control supply voltage 4 AC at 50 Hz rated value 24 V 4 lours and control electronics AC states of the control supply voltage AC control supply voltage 4 AC at 60 Hz rated value 24 V lours and control supply voltage AC lours and control supply voltage AC lours and the control supply voltage and the control supply voltage and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value AC lours and the control supply voltage rated value of lours and the control supply voltage rated value of lours and the control supply voltage rated value of lours and the control supply voltage rated value of lours and the AC lours and the control supply voltage rated value of lours and the control supply volta	product designation	Non-reversing motor starter
weight [b] Height x Width x Depth [in] 12 x 10 x 6 in 12 x 10 x 6 in 12 x 10 x 6 in 15 touch protection against electrical shock installation altitude [ft] at height above sea level maximum 6 550 ft country of origin  Cermany  Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at AC at 60 Hz rated value • at 200208 V rated value • at 200208 V rated value • at 200208 V rated value • at 200209 V rated value • at 460/480 V rated value • at 675/600 V rated value • at 676/600 V rated v	special product feature	Start-Stop Push Buttons
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 type of voltage of the control supply voltage AC control supply voltage 4 AC control supply voltage 5 At AC at 50 Hz rated value 5 Az 60 Hz rated value 6 Az 60 Hz rated value 7 Az 60 Hz rated value 7 Az 60 Hz rated value 8 Az 60 Hz rated value 9 Az 60	General technical data	
touch protection against electrical shock installation altitude (II) at height above sea level maximum country of origin Germany  Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage at AC at 50 Hz rated value at AC at 50 Hz rated value at AC at 50 Hz rated value at 24 V at AC at 50 Hz rated value at 200/208 V rated value at 200/208 V rated value at 460/480 V rated value 3 hp at 460/480 V rated value 3 hp at 575/600 V rated value 10 hp  Contactor number of NO contacts for main contacts operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typicial Auxillary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 4 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 4 number of NO contacts for auxiliary contacts 5 number of NO contacts for auxiliary contacts 6 NO contacts for auxiliary contacts 7 NO contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coll apparent pick-up power of magnet coil at AC 6.5 VA 0 operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms	weight [lb]	15 lb
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 out of AC at 60 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 3 hp • at 260/230 V rated value 3 hp • at 250/230 V rated value 10 hp • at 575/500 V rated value 10 hp  contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts on auxiliary contacts 1 number of total auxiliary contacts on auxiliary contacts 1 number of total auxiliary contacts on auxiliary contacts 1 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 are AC 6.5 VA Operating range factor control supply voltage rated value of magnet coil at AC 6.5 VA ODN-delay time 9 38 ms OFF-delay time 4 16 ms	Height x Width x Depth [in]	12 × 10 × 6 in
Country of origin Germany  Power and control electronics  Inumber of poles for main current circuit  Itype of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value  • at 200/208 V rated value  • at 2200/230 V rated value  • at 2200/230 V rated value  • at 460/480 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  • at 60 Nz ontacts for main contacts  operating voltage at AC-3 rated value maximum  600 V  maximum  operating voltage at AC-3 rated value maximum  600 V  mechanical service life (operating cycles) of the main contacts  typical  Auxillary contact  number of NC contacts for auxillary contacts  1  number of NC contacts for auxillary contacts  1  number of NC contacts for auxillary contacts  1  number of NO contacts for auxillary contacts  1  10A@600V(A600), 2.5A@600V(Q600)  Coil  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  0  9 38 ms  OFF-delay time	touch protection against electrical shock	NA for enclosed products
number of poles for main current circuit  1 type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value  • at AC at 60 Hz rated value  • at AC at 50 Hz rated value  24 V  disconnector functionality  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 200/208 V rated value  • at 250/300 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  • operating voltage for main current circuit at AC at 60 Hz  maximum  operating voltage for main current circuit at AC at 60 Hz  maximum  operating voltage at AC-3 rated value maximum  operating voltage for main current circuit at AC at 60 Hz  maximum  operating voltage for main current circuit at AC at 60 Hz  maximum  operating voltage at AC-3 rated value maximum  support of NC contacts for auxiliary contacts  number of NC auxiliary contacts maximum  8  contact rating of auxiliary contacts of contactor according to UL  Ooi  apparent pick-up power of magnet coil at AC  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of  magnet coil  ON-delay time  9 38 ms  OFF-delay time	installation altitude [ft] at height above sea level maximum	6 560 ft
number of poles for main current circuit  type of voltage of the control supply voltage control supply voltage  at AC at 50 Hz rated value 24 V  at AC at 60 Hz rated value 24 V  disconnector functionality 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 575/600 V rated value 7.5 hp at 575/600 V rated value 9 operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical  Auxillary contact number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms OFF-delay time	country of origin	Germany
type of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value  24 V  disconnector functionality No  yielded mechanical performance [hp] for 3-phase AC motor  at 220/220 V rated value  3 hp  at 220/230 V rated value  7.5 hp  at 460/480 V rated value  10 hp  Contactor  number of NO contacts for main contacts operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value voltage volt	Power and control electronics	
control supply voltage  at AC at 50 Hz rated value  24 V  at AC at 60 Hz rated value  24 V  disconnector functionality  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 60/480 V rated value  7.5 hp  at 575/600 V rated value  10 hp  Contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  foo 00 V  mechanical service life (operating cycles) of the main contacts typical  number of NC contacts for auxiliary contacts  1 number of NC contacts for auxiliary contacts  1 number of total auxiliary contacts for auxiliary contacts  1 number of total auxiliary contacts maximum  8 contact rating of auxiliary contacts for contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time	number of poles for main current circuit	3
at AC at 50 Hz rated value  at AC at 60 Hz rated value  24 V  disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  at 220/230 V rated value  at 260/308 V rated value  at 575/600 V rated value  at 575/600 V rated value  to http://doc.org/ac/ac/ac/ac/ac/ac/ac/ac/ac/ac/ac/ac/ac/	type of voltage of the control supply voltage	AC
at AC at 60 Hz rated value  disconnector functionality  yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  at 220/230 V rated value  at 460/480 V rated value  at 575/600 V rated value  7.5 hp  at 575/600 V rated value  10 hp  Contactor  number of NO contacts for main contacts  operating voltage at AC-3 rated value maximum  operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts  typical  Auxiliary contact  number of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  number of NO 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 contact of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	control supply voltage	
disconnector functionality  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 4578/600 V rated value  7.5 hp  • at 578/600 V rated value  10 hp  Contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts  typical  Auxiliary contact  number of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  8  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time	<ul> <li>at AC at 50 Hz rated value</li> </ul>	24 V
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 480/480 V rated value  • at 55/600 V rated value  • at 55/600 V rated value  • at 575/600 V rated value  • at 575/600 V rated value  • at 575/600 V rated value  10 hp  Contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  machanical service life (operating cycles) of the main contacts typical  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  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	at AC at 60 Hz rated value	24 V
at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 675/600 V rated value  to hip  contactor  number of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts typical  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts number of total auxiliary contacts for auxiliary contacts number of total auxiliary contacts of contactor according to UL  coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  0 FF-delay time  3 hp 3 hp 4 hp 4 16 ms	disconnector functionality	No
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value  10 hp  Contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum  Maxiliary contact number of NC contacts for auxiliary contacts 1 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  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  9 38 ms  OFF-delay time  4 16 ms	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value  at 575/600 V rated value  7.5 hp  at 575/600 V rated value  7.5 hp  10 hp  Contactor  number of NO contacts for main contacts  3 operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  600 V  mechanical service life (operating cycles) of the main contacts typical  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  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	<ul><li>at 200/208 V rated value</li></ul>	3 hp
• at 575/600 V rated value  Contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  600 V  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	<ul><li>at 220/230 V rated value</li></ul>	3 hp
number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms OFF-delay time 4 16 ms	<ul><li>at 460/480 V rated value</li></ul>	7.5 hp
number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	<ul><li>at 575/600 V rated value</li></ul>	10 hp
operating voltage for main current circuit at AC at 60 Hz maximum  operating voltage at AC-3 rated value maximum  600 V  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  OFF-delay time  600 V  30 000 000  100 V	Contactor	
maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical  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 4 apparent holding power of magnet coil at AC 5 operating range factor control supply voltage rated value of magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms	number of NO contacts for main contacts	3
mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms		600 V
typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	operating voltage at AC-3 rated value maximum	600 V
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms		30 000 000
number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  201  201  201  201  201  201  201  20	Auxiliary contact	
number of total auxiliary contacts maximum  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  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	number of NC contacts for auxiliary contacts	1
contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  OFF-delay time  10A@600V(A600), 2.5A@600V(Q600)  67 VA  6.5 VA  0.8 1.1  9 38 ms  4 16 ms	number of NO contacts for auxiliary contacts	1
apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	number of total auxiliary contacts maximum	8
apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	contact rating of auxiliary contacts of contactor according to UL	10A@600V(A600), 2.5A@600V(Q600)
apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  OFF-delay time  4 16 ms	Coil	
operating range factor control supply voltage rated value of magnet coil  ON-delay time  9 38 ms  OFF-delay time  4 16 ms	apparent pick-up power of magnet coil at AC	67 VA
magnet coil           ON-delay time         9 38 ms           OFF-delay time         4 16 ms	apparent holding power of magnet coil at AC	6.5 VA
OFF-delay time 4 16 ms		0.8 1.1
·	ON-delay time	9 38 ms
Overload relay	OFF-delay time	4 16 ms
	Overload relay	

Overload protection     Overload protection     Overload protection     Overload protection     Overload protection     Overload reset     Ov							
* external reset	product function			.,			
Pes central rised reset investors adjustment range of thermal overload trip unit adjustment range of thermal overload trip unit 9 12.5 12.	·	n					
reset function 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 contact rating of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to U.  Section 19	<ul><li>test function</li></ul>						
adjustment range of thermal overload frip unit number of NC contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to U.  Enclosuru  Medical Protection NEMA rating of the enclosure design of the housing Mounting/histing mounting position fastening method Spread explored protection for supply voltage line-side signet in group (librin) (or supply pos of electrical connection for supply voltage line-side signet and protection (librin) (or supply position of supply to the conductor of rating the supply and the supply relating to the supply relating signet in the conductor for supply position of the conductor for supply with supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum permissible sightning forque (librin) for load-side outgoing feeder Spread electrical connection to foad-side outgoing feeder Spread electrical connection of road-side outgoing feeder Spreadure of the conductor of road-side outgoing feeder maximum permissible material of the conductor of magnet coil Spreadure of the conductor of road-side outgoing feeder material of the conductor of road-side outgoing feeder spreadure of the conductor of road-side outgoing feeder material of the conductor of road-side outgoing feeder spreadure of the conductor of road-side o	external reset			Yes			
number of NC contacts of auxiliary contacts of overload relay 1 number of NC contacts of auxiliary contacts of overload relay 2 contact rating of auxiliary contacts of overload relay according to 5A,@800VAC (8600), 1A,@250VDC (R300)    Contact rating of auxiliary contacts of overload relay according to 5A,@800VAC (8600), 1A,@250VDC (R300)   Contact rating of auxiliary contacts of overload relay according to 5A,@800VAC (8600), 1A,@250VDC (R300)   Contact rating of auxiliary contacts of vertical contacts of the overload relay of vertical fastering method   Surface mounting position   Vertical fastering method   Surface mounting and installation   Surface mounting of multi-stranded   Emperature of the conductor for supply voltage intended   Surface mounting of multi-stranded   Surface mounting of multi-stranded   Surface mounting of multi-stranded   Surface mounting multi-stranded   Surface multi-	reset function			Manua	I, automatic and remote	(with optional accessory)	
number of NO contacts of auxiliary contacts of overload relay according to SA@600VAC (8600), 1A@250VDC (R300)    SA@600VAC (8600), 1A@250VDC (R300)	adjustment range of the	rmal overload trip unit		9 12	.5		
contact rating of auxiliary contacts of overload relay according to U. Bracketter and the control of the contro	number of NC contacts	of auxiliary contacts of ov	erload relay	1			
Dust Brainbours  degree of protection NEMA rating of the enclosure  design of the housing  Mounting position  assening method  Syprea of electrical connection for supply voltage line-side  Syprea of electrical connection for supply was at line-side for AMG adoles single or multi-stranded  Emperature of the conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  Syprea of electrical connection for load-side outgoing feeder  Sypread electrical connection for load-side outgoing feeder  Sypread electrical connection for load-side outgoing feeder  Sypread electrical connection for magnet coll  Sypread electrical connection of magnet coll  Sypread electrical connection for load-side outgoing feeder  Maximum permissible  material of the conductor or magnet coll  Sypread connectable conductor cross-sections of magnet coll for AMG colles or for connectable conductor or magnet coll  Sypread electrical connection of magnet coll  Sypread connectable conductor or magnet coll  Sypread electrical connection of real surface  Emperature of the conductor or magnet coll  Sypread electrical connection of real surface  Emperature of the conductor or magnet coll  Sypread electrical connection for auxiliary contacts  Sypread electrical connection for auxiliary contacts  Sypread connectable conductor and surface  Sypread electrical connection for auxiliary contacts  Sypread electrical connection for auxiliary contacts  Sypread on auxiliary contacts surface  Sypread on surface and surface and surface and surface  Sypread electrical connection for auxiliary contacts  Sypread on surface and surface	number of NO contacts	of auxiliary contacts of ov	verload relay	1			
degree of protection NEMA rating of the enclosure design of the housing Nounting/wiring muniting position festening method Sype of electrical connection for supply voltage line-side Sypen of electrical connection for supply voltage line-side Systems (prough (birn) for supply voltage line-side Systems (prough (birn) for supply voltage line-side Systems (prough (birn) for supply voltage line-side (birn) for supply voltage line-side (birn) for supply voltage line-side (birn) for supply voltage or multi-stranded temperature of the conductor for supply maximum permissible temperature of the conductor for supply supply (birn) for load-side outgoing feeder Sightening torque (birn) for load-side outgoing feeder Sightening torque (birn) for load-side outgoing feeder Sightening torque (birn) for load-side outgoing feeder supply of connectable conductor cross-sections for AWG cables for load-side outgoing feeder supply of the conductor for load-side outgoing feeder maximum permissible  The conductor of load-side outgoing feeder supply for connectable conductor cross-sections of magnet coil Sype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded Sype of connectable conductor rat magnet coil for AWG cables single or multi-stranded Sype of connectable conductor at magnet coil for AWG cables single or multi-stranded supplementation of the conductor at magnet coil for AWG cables single or multi-stranded supplementation of the conductor at magnet coil for AWG cables single or multi-stranded supplementation of the conductor at magnet coil for AWG cables single or multi-stranded supplementation of the conductor at magnet coil for awdilary contacts Sype of electrical connection for awdilary contacts Sype of connectable conductor at contactor for awdilary contacts Sype of connectable conductor at contactor for awdilary contacts Sype of connectable conductor at contactor for awdilary contacts Sype of connectable conductor at contactor for awdilary contacts Sype of connectable conductor at		y contacts of overload rel	lay according to	5A@60	5A@600VAC (B600), 1A@250VDC (R300)		
designe of protection NEMA rating of the enclosure  design of the housing  Mounting position  mounting position  fastening method  Sype of electrical connection for supply voltage line-side Sgrew-Spe terminals  Sgrew-Sp	_			-	_		
Dust & waterlight for outdoor use		MA rating of the enclosur	re.	NΕΜΔ	3/3R/4/12 enclosure		
Mounting-winting mounting position  vertical fastening method  Speed electrical connection for supply voltage line-side  Sprew-type terminals  gliptening foruge (bir4) for supply  type of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum permissible speed of conductor for supply  Sprew-type terminals  Screw-type terminals  80 °C  Screw-type terminals  2 x (16 12), 2x (14 8)  CU  Type of connectable conductor rows-sections for AWG cables  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder material of the conductor of magnet coil  Type of connectable connection for load-side outgoing feeder  AWG cables single or multi-stranded  temperature of the conductor at magnet coil  Type of connectable conductor rows-sections of magnet coil for AWG cables single or multi-stranded  Emperature of the conductor at magnet coil maximum  permissible  Screw-type terminals  Screw-type terminals  Type of electrical connection for auxiliary contacts  Sightening torque (bir in) at contactor for auxiliary contacts  Sightening torque (bir in) at contactor for auxiliary contacts  Screw-type terminals  CU  Screw-type terminals  CU  Screw-type terminals  Cu  Type of electrical connection of a uxiliary contacts  Screw-type terminals  Cu  Type of electrical connection of a uxiliary contacts  Screw-type terminals  Cu  Type of electrical connection of a uxiliary contacts  Screw-type terminals  Cu  Screw-type terminals  Cu  Screw-type terminals  Cu  Screw-type termina		WA fating of the enclosur				ISO .	
mounting position  Isastening method  Surface mounting and installation  Surface where the surface is surface is surface in the surface				Dust- 0	watertight for outdoor t	43 <del>6</del>	
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type of electrical connection at overload relay for auxiliary contacts  tightening torque [lbf-in] at overload relay for auxiliary contacts  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  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificates  General Product Ap-  Test Certificates  Oxiginary contacts  7 10 lbf-in  2x (20 16), 2x (18 14)  Ch Co 16, 2x (18 14)  Ch Co 16, 2x (18 14)	material of the conducto	r at contactor for auxilian	y contacts	CU	CU		
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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  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Test Certificates  General Product Ap-  Test Certificates  Other  Pangerous Good  Finvironment	tightening torque [lbf·in]	at overload relay for auxi	iliary contacts	7 10 lbf-in			
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material of the conductor at overload relay for auxiliary contacts  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Test Certificates  Other  Pangerous Good  Environment	temperature of the conductor at overload relay for auxiliary		70 °C	70 °C			
Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  Thermal magnetic circuit breaker  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Test Certificates  Other  Dangerous Good  Environment	·		CU				
design of the fuse link for short-circuit protection of the main circuit required  design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 80 V  • at 600 V  certificate of suitability  Approvals Certificates  General Product Ap-  Test Certificates  Class J  Class J  Cherk Banderous Good  Class J  Thermal magnetic circuit breaker							
design of the short-circuit trip  maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Approvals Certificates  General Product Ap-  Test Certificates  Thermal magnetic circuit breaker  Thermal magnetic circuit br	design of the fuse link for short-circuit protection of the main		Class J				
maximum short-circuit current breaking capacity (Icu)  • at 240 V  • at 480 V  • at 600 V  certificate of suitability  Dangerous Good  Environment	·		Thermal magnetic circuit breaker				
at 240 V  at 480 V  at 600 V  certificate of suitability  UL 60947-4-1  Approvals Certificates  General Product Ap-  Test Certificates  other  Dangerous Good  Environment	·			71101111	aagrictic dirodit break		
at 480 V     at 600 V     5 kA  certificate of suitability  UL 60947-4-1  Approvals Certificates  General Product Ap-  Test Certificates  other  Dangerous Good  Environment			5 kA				
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General Product Ap-				OL 609	74 <i>1</i> -4- 1		
		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=3RE4122-4CA11-1KB0

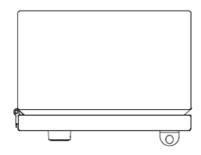
Search Datasheet in Service&Support (Manuals)

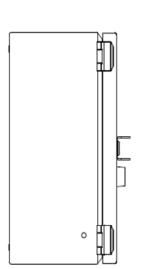
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-4CA11-1KB0/man

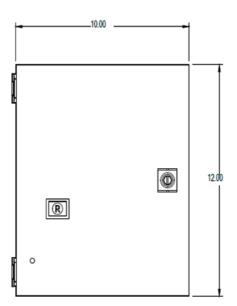
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RE4122-4CA11-1KB0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RE4122-4CA11-1KB0&lang=en</a>

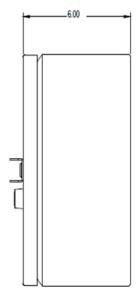
Certificates/approvals

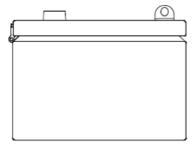
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-4CA11-1KB0/certificate











last modified: 4/15/2021 ☑