SIEMENS

Data sheet

3RE4122-6CA31-4FB0



STARTER, 3RE41226CA314FB0, WITH MODS

product brand name product feature Slemers product feature Start-Stop Push Buttons General technical data weight [b] Height x Width x Depth [n] 12 x 10 x 6 in Na for enclosed products installation altitude [ft] at height above seal level maximum country of origin Country of origin Country of origin Country of origin Country of voltage of the control supply voltage control supply voltage at IAC at 50 Hz rated value at IAC at 50 Hz rated value at 200 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 200/208 V rated value at 60/4020 V rated value at 60/4020 V rated value at 60/4020 V rated value be at 67/5/500 V rated value at 57/5/500 V rated value be at 67/5/600 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 operating voltage for main current circuit at AC at 60 Hz number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 number of NC contacts for auxiliary contacts 3 number of NC contacts for auxiliary contacts 4 NC		
Special product feature General technical data weight [Ib] Height x Width x Depth [In] 12 x 10 x 6 in touch protection against electrical shock Installation allitude [If] at height above sea level maximum country of origin Country of origin Country of origin Country of origin Comman Country of origin Country of NO contacts for main contacts Operating voltage of main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts typical Auxillary contact number of NO contacts for auxiliary contacts 1 numb	product brand name	Siemens
weight [b] 15 b Height x Width x Depth [n] 12 x 10 x 6 in touch protection against electrical shock NA for enclosed products installation altitude ([i] 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 AC entrol supply voltage AC entrol supply voltage 110 V et AC at 50 Hz rated value 110 V et AC at 60 Hz rated value 120 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor et at 200/200 V rated value 7.5 hp et at 220/230 V rated value 15 hp et at 460/480 V rated value 20 hp 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 for main current circuit at AC at 60 Hz number of NC contacts for main contacts 3 operating voltage at AC-3 rated value 400 V mechanical service life (operating cycles) of the main contacts 3 0 Auditary contact number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 2 apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent pick-up for	product designation	Non-reversing motor starter
weight [b] Height x Width x Depth [in] 12 x 10 x 6 in 13 x 10 x 6 in 14 x 10 x 6 in 15 x 10 x 6	· · · ·	Start-Stop Push Buttons
Height x Width x Depth [in] touch protection against electrical shock Installation altitude [it] at height above sea level maximum of 56 bit country of origin Germany Power and control electronics number of poles for main current circuit 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 50 Hz rated value • at AC at 50 Hz rated value • at 20/230 V rated value • at 20/230 V rated value • at 4575600 V rated value • at 4673 foot V arted value • at 675600 V rated valu	General technical data	
touch protection against electrical shock installation altitude (If) at height above sea level maximum country of origin 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 110 V • at AC at 50 Hz rated value 120 V disconnector functionality yielded mechanical performance [Ip] for 3-phase AC motor • at 220/230 V rated value 7.5 hp • at 460/480 V rated value 15 hp • at 460/480 V rated value 20 hp Contactor number of NO contacts for main contacts operating voltage for main in 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 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 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 5 number of NO contacts for auxiliary contacts 6 number of NO contacts for auxiliary contacts 6 number of NO contacts for auxiliary contacts 7 number of NO contacts for auxiliary contacts 7 number of NO contacts for auxiliary contacts	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 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 200/208 V rated value 15 hp at 460/480 V rated value 20 hp at 4575/600 V rated value 20 hp Contactor number of NO contacts for main contacts 3 coperating 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 the conta	Height x Width x Depth [in]	12 × 10 × 6 in
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 220/230 V rated value 7.5 hp • at 420/230 V rated value 15 hp • at 460/480 V rated value 20 hp Contactor number of NO contacts for main contacts 3 operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts 19 typical Auxillary contact number of NC contacts for auxillary contacts 1 number of NC contacts for auxillary contacts 3 apparent pick-up power of magnet coil at AC 8.5 VA operating range factor control supply voltage rated value of magnet coil ON-delay time 8 40 ms ON-delay time 4 16 ms	touch protection against electrical shock	NA for enclosed products
Power and control electronics number of poles for main current circuit 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 disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 200/208 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 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 for functionality mechanical service life (operating cycles) of the main contacts stypical Auxiliary contact number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Ooil 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 8 40 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 110 V at AC at 60 Hz rated value 120 V disconnector functionality 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 250/600 V rated value 15 hp at 657/600 V rated value 20 hp Contactor number of NO contacts 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 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 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 5 number of NO contacts for auxiliary contacts 6 number of NO contacts for auxiliary contacts 7 number of NO contacts for auxiliary contacts 1 number of NO contacts for	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 at AC at 60 Hz rated value 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 220/230 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 operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum at Auxiliary contact 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 1 10A@600V(A600), 2.5A@600V(Q600) Coil apparent pick-up power of magnet coil at AC 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 8 40 ms OFF-delay time	Power and control electronics	
control supply voltage at AC at 50 Hz rated value 110 V at AC at 60 Hz rated value 120 V disconnector functionality 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 60/480 V vated value 15 hp at 60/480 V rated value 20 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 NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of 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 ool ON-delay time 8 40 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 120 V disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 7.5 hp at 220/230 V rated value at 575/600 V rated value 15 hp contactor number of NO contacts for main contacts yiclal Auxiliary contact number of NC contacts for auxiliary contacts typical Auxiliary contacts for auxiliary contacts number of NO contacts for auxiliary contacts 1 1 10 V 10 V 10 V 10 V 10 V 10 No 10 September 10 No contacts for main contacts yiclal Auxiliary contact 1 1 10 No 10 Contacts for auxiliary contacts 1 1 10 No 10 Contacts for auxiliary contacts 1 1 10 No 10 Contact for auxiliary contacts 1 1 10 No 10 A@600V(A600), 2.5A@600V(Q600) 10 No 2 September 2 No 2 September 2 No 2 September 3 No 3 September 3 No 3 September 3 No 4 September 3 No 5 No 6 No	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 220/230 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value to hp at 575/600 V rated value 20 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 number of total auxiliary contacts of contact of contacts of contact rating of auxiliary contacts	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 66/0480 V rated value • at 675/600 V rated value 20 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 NC 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 8 40 ms OFF-delay time 4 16 ms	 at AC at 50 Hz rated value 	110 V
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 55/600 V rated value • at 55/600 V rated value • at 575/600 V rated value • 20 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 about a trial activate activa	at AC at 60 Hz rated value	120 V
at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value be at 575/600 V rated value 20 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 NC contacts for auxiliary contacts 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 contactor according to UL Coil apparent pick-up power of magnet coil at AC apparent holding 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 8 40 ms OFF-delay time 4 16 ms	disconnector functionality	No
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 20 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 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 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 7.5 hp 15 hp 15 hp 16 hp 17 hp 18	yielded mechanical performance [hp] for 3-phase AC motor	
• at 460/480 V rated value • at 575/600 V rated value 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 number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum acontact 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 apparent holding power of magnet coil at AC apparent power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 8 40 ms OFF-delay time 4 16 ms	at 200/208 V rated value	7.5 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 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 8 40 ms OFF-delay time	• at 220/230 V rated value	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 NC 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 8 40 ms OFF-delay time 4 16 ms	• at 460/480 V rated value	15 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 NC contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Doll 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 monoto V 600 V	• at 575/600 V rated value	20 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 0FF-delay time 600 V 600 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 number of total auxiliary contacts 1 number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL 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 0FF-delay time 600 V 30 000 000 10 000 10 000 11 0000 11 0000 12 0000 13 0000 000 14 0000 15 0000 16 0000 16 0000 17 0000 18 0000 000 19 0000 10 0000 10 0000 10 0000 10 0000 10 00000 10 0000 10 0000 10 0000 10 0000 10 0000 10 0000 10 0000 10 00000 10 00	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 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 8 40 ms OFF-delay time 4 16 ms	· · · · · · · · · · · · · · · · · · ·	600 V
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 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 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 8 40 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 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 0FF-delay time 10A@600V(A600), 2.5A@600V(Q600)	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 8 40 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) 10A@600V(A600), 2.5A@600V(Q600) 10A@600V(A600), 2.5A@600V(Q600) 10A@600V(A600), 2.5A@600V(Q600) 10A@600V(A600), 2.5A@600V(Q600) 10A@600V(A600), 2.5A@600V(Q600)	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 8 40 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 8 40 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 8 40 ms OFF-delay time 4 16 ms	apparent pick-up power of magnet coil at AC	79 VA
Magnet coil 8 40 ms ON-delay time 4 16 ms	apparent holding power of magnet coil at AC	8.5 VA
OFF-delay time 4 16 ms		0.8 1.1
	ON-delay time	8 40 ms
Overload relay	OFF-delay time	4 16 ms
	Overload relay	

overload protection • test function • external reset reset function adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of or number of NO contacts of auxiliary contacts of or contact rating of auxiliary contacts of overload reful. Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage listightening torque [libf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for load-side outgoing tightening torque [libf-in] for load-side outgoing feetype of connectable conductor cross-sections for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing type of electrical connection of magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of connectable conductor at magnet coil type of connectable conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for contacts The conductor at contactor for auxiliary type of electrical connection at overload relay for contacts The conductor at contactor for auxiliary type of electrical co	ne-side line-side for m permissible ng feeder eeder r AWG cables nding feeder feeder feeder feeder magnet coil for	Yes Yes Manual, automatic and remote (with optional accessory) 28 40 1 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf-in 2x (16 12), 2x (14 8)
● external reset reset function adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of or number of NO contacts of auxiliary contacts of ocontact rating of auxiliary contacts of overload re UL Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage listightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing tightening torque [lbf-in] for load-side outgoing fetype of connectable conductor cross-sections for for load-side outgoing fededer single or multi-stranded temperature of the conductor for load-side outgoing fetype of connectable conductor for load-side outgoing feder single or multi-stranded temperature of the conductor for load-side outgoing federial of the conductor at magnet coil tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at contactor for auxiliary type of electrical connection at contactor for auxiliary type of electrical connection at overload relay for electrical connection at overload relay for type of electrical connection at overload relay	ne-side line-side for m permissible ng feeder eeder r AWG cables nding feeder feeder feeder feeder magnet coil for	Yes Yes Manual, automatic and remote (with optional accessory) 28 40 1 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf-in 2x (16 12), 2x (14 8)
reset function adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of or number of NO contacts of auxiliary contacts of or contact rating of auxiliary contacts of overload re UL Enclosure degree of protection NEMA rating of the enclosur design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage litightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoing tightening torque [lbf-in] for load-side outgoing fe type of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing fe type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of connectable conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for material of the conductor at contactor for auxiliary type of electrical connection at overload relay for material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	ne-side line-side for m permissible ng feeder eeder r AWG cables nding feeder feeder feeder feeder magnet coil for	Yes Manual, automatic and remote (with optional accessory) 28 40 1 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf-in 2x (16 12), 2x (14 8)
reset function adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of or number of NO contacts of auxiliary contacts of or contact rating of auxiliary contacts of overload re UL Enclosure degree of protection NEMA rating of the enclosur design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage listightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoin tightening torque [lbf-in] for load-side outgoing fee type of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing it type of electrical connection of magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	ne-side line-side for m permissible ng feeder eeder r AWG cables nding feeder feeder feeder feeder magnet coil for	Manual, automatic and remote (with optional accessory) 28 40 1 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8)
adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of or number of NO contacts of auxiliary contacts of or contact rating of auxiliary contacts of overload reful. Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage listightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing feetype of connectable conductor cross-sections for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor at magnet coil type of connectable conductor at magnet coil max permissible material of the conductor at magnet coil max permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for electrical connection	ne-side line-side for m permissible ng feeder eeder r AWG cables nding feeder feeder feeder feeder magnet coil for	28 40 1 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8)
number of NC contacts of auxiliary contacts of or number of NO contacts of auxiliary contacts of ocontact rating of auxiliary contacts of overload result. Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage listightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply type of electrical connection for load-side outgoin tightening torque [lbf-in] for load-side outgoing feetype of connectable conductor cross-sections for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil max permissible material of the conductor at magnet coil max permissible of the conductor at magnet coil max permissible material of the conductor at magnet coil max permissible material of the conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for type of electr	ne-side line-side for m permissible ng feeder eeder r AWG cables nding feeder feeder feeder feeder magnet coil for	1 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8)
number of NO contacts of auxiliary contacts of or contact rating of auxiliary contacts of overload reful. Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage listightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing tightening torque [lbf-in] for load-side outgoing feetype of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strantemperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for	ne-side line-side for m permissible ng feeder eeder r AWG cables nding feeder feeder feeder feeder magnet coil for	1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8)
contact rating of auxiliary contacts of overload re UL Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage list tightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing fetype of connectable conductor cross-sections for load-side outgoing feeder single or multi-strait temperature of the conductor for load-side outgoing feeder single or multi-strait temperature of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor at magnet coil temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for	ne-side line-side for m permissible ng feeder eeder r AWG cables nded bing feeder feeder feeder magnet coil for	NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8)
DL Enclosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage list tightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing feet type of connectable conductor cross-sections for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for	ne-side line-side for m permissible ng feeder seder r AWG cables nded bing feeder feeder feeder magnet coil for	NEMA 3/3R/4/12 enclosure Dust- & watertight for outdoor use vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C
degree of protection NEMA rating of the enclosur design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage list tightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing feet type of connectable conductor cross-sections for load-side outgoing feeder single or multi-strain temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary temperature of the conductor at contactor for auxiliary type of electrical connection at overload relay for	ne-side line-side for m permissible ng feeder eeder r AWG cables nded bing feeder feeder feeder	vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 2x (16 12), 2x (14 8)
design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply voltage listightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing tightening torque [lbf-in] for load-side outgoing fee type of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for	ne-side line-side for m permissible ng feeder eeder r AWG cables nded bing feeder feeder feeder	vertical Surface mounting and installation Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 2x (16 12), 2x (14 8)
mounting/wiring mounting position fastening method type of electrical connection for supply voltage lintightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing tightening torque [lbf-in] for load-side outgoing fee type of connectable conductor cross-sections for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil max permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi-temperature of the conductor at contactor for auxiliary type of electrical connection at contactor for auxiliary contacts of the conductor at contactor for auxiliary type of electrical connection at contactor for auxiliary contacts and the conductor at contactor for auxiliary type of electrical connection at overload relay for	m permissible mg feeder eeder r AWG cables nded bing feeder feeder magnet coil for	vertical Surface mounting and installation Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C
mounting position fastening method type of electrical connection for supply voltage listightening torque [lbf·in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing tightening torque [lbf·in] for load-side outgoing for load-side outgoing feeder single or multi-strantemperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi-temperature of the conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at contactor for auxiliary contacts single or multi-temperature of the conductor at contactor for auxiliary type of electrical connection at overload relay for	m permissible mg feeder eeder r AWG cables nded bing feeder feeder magnet coil for	Surface mounting and installation Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
fastening method type of electrical connection for supply voltage list tightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing feet type of connectable conductor cross-sections for load-side outgoing feeder single or multi-strain temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of 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 contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at contactor for auxiliary type of electrical conn	m permissible mg feeder eeder r AWG cables nded bing feeder feeder magnet coil for	Surface mounting and installation Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
type of electrical connection for supply voltage listightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing feetype of connectable conductor cross-sections for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for	m permissible mg feeder eeder r AWG cables nded bing feeder feeder magnet coil for	Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 2x (16 12), 2x (14 8)
tightening torque [lbf-in] for supply type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing te type of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for	m permissible mg feeder eeder r AWG cables nded bing feeder feeder magnet coil for	18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf-in 2x (16 12), 2x (14 8)
type of connectable conductor cross-sections at AWG cables single or multi-stranded temperature of the conductor for supply maximul material of the conductor for supply type of electrical connection for load-side outgoing tightening torque [lbf·in] for load-side outgoing for load-side outgoing feeder single or multi-strant temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact: tightening torque [lbf·in] at contactor for auxiliary type of electrical connection for auxiliary contact: tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at overload relay for	m permissible ng feeder eeder r AWG cables nded bing feeder feeder magnet coil for	2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf-in 2x (16 12), 2x (14 8)
AWG cables single or multi-stranded temperature of the conductor for supply maximum material of the conductor for supply type of electrical connection for load-side outgoing feetype of connectable conductor cross-sections for load-side outgoing feeder single or multi-strantemperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of connectable conductor at contactor for auxiliary type of electrical connection at contactor for auxiliary maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	m permissible ng feeder eeder r AWG cables nded bing feeder feeder magnet coil for	60 °C CU Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
material of the conductor for supply type of electrical connection for load-side outgoin tightening torque [lbf·in] for load-side outgoing fe type of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strait temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil max permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for auxiliary maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	ng feeder seder r AWG cables nded sing feeder feeder magnet coil for	CU Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
type of electrical connection for load-side outgoin tightening torque [lbf·in] for load-side outgoing fee type of connectable conductor cross-sections for load-side outgoing feeder single or multi-strain temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of 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 contact tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi-temperature of the conductor at contactor for auximaximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	eeder r AWG cables nded bing feeder feeder magnet coil for	Screw-type terminals 18 21 lbf·in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
tightening torque [lbf·in] for load-side outgoing fee type of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strain temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf·in] at contactor for auxiliary type of electrical connection for auxiliary contact tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for auxiliary maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	eeder r AWG cables nded bing feeder feeder magnet coil for	18 21 lbf-in 2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf-in 2x (16 12), 2x (14 8)
type of connectable conductor cross-sections for for load-side outgoing feeder single or multi-strait temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil max permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for auxiliary maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	r AWG cables nded bing feeder feeder magnet coil for	2x (16 12), 2x (14 8) 60 °C CU Screw-type terminals 7 10 lbf-in 2x (16 12), 2x (14 8)
for load-side outgoing feeder single or multi-strain temperature of the conductor for load-side outgoing maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of 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 type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi-temperature of the conductor at contactor for auximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	nded ping feeder feeder magnet coil for	60 °C CU Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
maximum permissible material of the conductor for load-side outgoing type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil max permissible material of the conductor at magnet coil type of electrical connection for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for aux maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	feeder magnet coil for	CU Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil may permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for aux maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for	magnet coil for	Screw-type terminals 7 10 lbf·in 2x (16 12), 2x (14 8)
tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil may permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for aux maximum permissible material of the conductor at contactor for auxiliary type of electrical connection at overload relay for		7 10 lbf-in 2x (16 12), 2x (14 8)
type of connectable conductor cross-sections of AWG cables single or multi-stranded temperature of the conductor at magnet coil max permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf-in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for auxiliary maximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for		2x (16 12), 2x (14 8)
AWG cables single or multi-stranded temperature of the conductor at magnet coil may permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multitemperature of the conductor at contactor for auxiliary maximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for		
permissible material of the conductor at magnet coil type of electrical connection for auxiliary contact tightening torque [lbf in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for aux maximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for	kimum	75 ℃
type of electrical connection for auxiliary contact tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multitemperature of the conductor at contactor for auximaximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for		70 0
tightening torque [lbf·in] at contactor for auxiliary type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for auximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for		CU
type of connectable conductor cross-sections at AWG cables for auxiliary contacts single or multi temperature of the conductor at contactor for auximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for	S	Screw-type terminals
AWG cables for auxiliary contacts single or multi- temperature of the conductor at contactor for aux maximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for	contacts	7 10 lbf-in
maximum permissible material of the conductor at contactor for auxiliar type of electrical connection at overload relay for	i-stranded	2x (20 16), 2x (18 14)
type of electrical connection at overload relay for		75 °C
	•	CU
		Screw-type terminals
tightening torque [lbf·in] at overload relay for aux	•	7 10 lbf·in
type of connectable conductor cross-sections at for AWG cables for auxiliary contacts single or m	nulti-stranded	2x (20 16), 2x (18 14)
temperature of the conductor at overload relay for contacts maximum permissible		70 °C
material of the conductor at overload relay for au	uxiliary contacts	CU
Short-circuit current rating		
design of the fuse link for short-circuit protection circuit required	of the main	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 Approval Test Certificates		





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=3RE4122-6CA31-4FB0

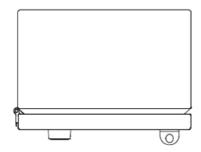
Search Datasheet in Service&Support (Manuals)

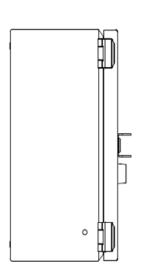
https://support.industry.siemens.com/cs/US/en/ps/3RE4122-6CA31-4FB0/man

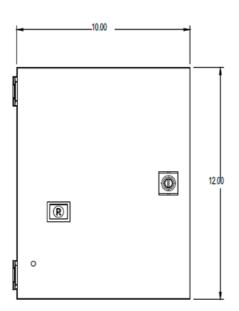
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4122-6CA31-4FB0&lang=en

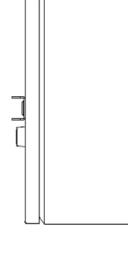
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4122-6CA31-4FB0/certificate

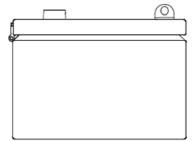








6.00



last modified: 4/15/2021 ☑