SIEMENS

Data sheet

product brand name

STARTER, 3RE41223AA311KB0, WITH MODS



product designation Special product feature Start-Stop Push Buttons Sepecial product feature Weight [tb] Height x Width x Depth [in] 11 x 7 x 5 in Nuch protection against electrical shock NN for enclosed products installation altitude [it] at height above sea level maximum ambient temperature ['F] during storage ambient temperature ['F] during operation -4 +104 "F ambient temperature during storage ambient temperature during storage -30 +65 "C ambient temperature during operation -20 +40 "C country of origin Germany Power and control electronics number of poles for main current circuit 3 Type of voltage of the control supply voltage -2 at AC at 50 Hz rated value -2 at AC at 50 Hz rated value -2 at AC at 50 Hz rated value -2 at 200/208 V rated value -2 at 2575/600 V rated value -2 at 575/600 V rated value maximum -2 apparant products -2 apparant products -2 apparant products -2 apparant products -2 apparant product of apparant products -2 apparant product of apparant products -2 apparant product of apparent products -2 apparent product of apparent product	product brand name	Sierriens
weight [b] 8 lb Height x Width x Depth [n] 11 x 7 x 5 in touch protection against electrical shock NA for enclosed products installation altitude [f] at height above sea level maximum 6 560 ft ambient temperature [F] during operation 4+104 F ambient temperature [F] during operation 4+104 F ambient temperature during storage -30+65 °C ambient temperature during operation -20+40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 3 type of voltage of the control supply voltage AC control supply voltage 1 the control supply voltage 1 to V disconnector functionality New Yeld of the control supply voltage 1 to V disconnector functionality Vielded mechanical performance [hp] for 3-phase AC motor 1 at 200/208 V rated value 2 hp 1 to V at AC at 50 Hz rated value 3 hp 1 to V at 200/208 V rated value 2 hp 1 to V control supply voltage of the control supply woltage 1 to V disconnector functionality No Vielded mechanical performance [hp] for 3-phase AC motor 1 to V at 200/208 V rated value 2 hp 2 hp 1 to V control supply voltage 3 hp 1 to V at 200/208 V rated value 3 hp 2 to V at 200/208 V rated value 5 hp 3 to V at 460/480 V rated value 5 hp 3 to V at 460/480 V rated value 5 hp 3 to V contactor 1 to V contacts for main contacts 5 hp 3 to V contactor 1 to V contacts for main current circuit at AC at 60 Hz 2 maximum 600 V maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts 7 to V contact or 1 to V contact for auxiliary contacts 1 1 to V contact rating of auxiliary contacts 1 1 to V contact rating of auxiliary contacts 1 1 to V contact rating of auxiliary contacts 1 1 to V contact rating of auxiliary contacts of contactor according to UL 10A@600V(A600), 2.5A@600V(Q600)	product designation	Non-reversing motor starter
weight [Ib] Height X Width X Depth [in] 11 x 7 x 5 in touch protection against electrical shock Installation adjusted [It] at height above sea level maximum 6 550 ft ambient temperature [F] during storage 22 + 149 "F ambient temperature [F] during storage 3-30 + 65 "C ambient temperature during operation 4 + 104 "F ambient temperature during operation 20 + 40 "C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage at AC at 50 Hz rated value 110 V 4 at AC at 50 Hz rated value 120 V glidded mechanical performance [hp] for 3-phase AC motor 4 at 200/208 V rated value 5 hp 4 at 400/480 V rated value 5 hp 4 at 450/480 V rated value 5 hp 5 hp 6 at 4575/600 V rated value 7 5 hp Contactor number of NO contacts for main current circuit at AC at 60 Hz maximum moperating voltage for main current circuit at AC at 60 Hz maximum moperating voltage at AC-3 rated value maximum 6 000 V maximum mechanical service life (operating cycles) of the main contacts 1 number of NC contacts for auxiliary contacts 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 total auxiliary contacts maximum 8 contact rating of auxiliary contacts maximum 8 contact rating of auxiliary contacts maximum 8 apparent holding power of magnet coil at AC 8 67 VA 8 apparent holding power of magnet coil at AC 8 65 VA	special product feature	Start-Stop Push Buttons
Height x Width x Depth [in] touch protection against electrical shock NA for enclosed products Installation allitude [ft] at height above sea level maximum 6 560 ft ambient temperature ['F] during storage 22 +149 °F ambient temperature ['F] during operation 4 +104 °F ambient temperature during operation 2-0 +40 °C country of origin Country of origin Country of origin Country of voltage of the control supply voltage AC control supply voltage 4 at AC at 50 Hz rated value 5 at AC at 50 Hz rated value 110 V 120 V	General technical data	
touch protection against electrical shock installation altitude [II] at height above sea level maximum ambient temperature [IF] during operation -4+104 "F ambient temperature [IF] during operation -4+104 "F ambient temperature during storage -30+65 "C ambient temperature during operation -20+40 "C country of origin Rower 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 200/208 V rated value -at 575/600 V rated value -at 575/600 V rated value -at 575/600 V rated value -at 60 Nc ontacts for main current circuit at AC at 60 Hz maximum	weight [lb]	8 lb
installation altitude [ft] at height above sea level maximum ambient temperature ['F] during storage ambient temperature ['F] during operation 4 +104 "F ambient temperature furing storage ambient temperature during storage ambient temperature during operation -20 +40 "C 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 110 V 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 12 type 13 type of voltage value 14 type of voltage value 15 type 15 type of voltage value 16 type of voltage value 17 type of voltage value 17 type of voltage value 18 type of voltage value 19 type of voltage value 10 type of voltage value 110 type of voltage	Height x Width x Depth [in]	11 × 7 × 5 in
ambient temperature ["F] during storage 4.2 +149 "F ambient temperature during storage 30 +40 +104 "F ambient temperature during storage 30 +65 °C ambient temperature during operation 220 +40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 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 2 hp • at 460/480 V rated value 3 hp • at 460/480 V rated value 5 hp • at 575/600 V rated value 5 hp • at 575/600 V rated value 7.5 hp Contactor number of NO contacts 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 1 number of NO contacts for auxiliary contacts 6 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 6 number of NO conta	touch protection against electrical shock	NA for enclosed products
ambient temperature during operation 4+104 °F ambient temperature during storage 3-30+65 °C ambient temperature during operation 2-20+40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 110 V • at AC at 50 Hz rated value 120 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 2 hp • at 460/480 V rated value 3 hp • at 460/480 V rated value 5 hp • at 575/600 V rated value 7.5 hp Contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum 600 V mechanical service life (operating cycles) of the main contacts Sypical number of NC 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 3 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 4 number of NO contacts for auxiliary contacts 6 number of NO contacts	installation altitude [ft] at height above sea level maximum	6 560 ft
ambient temperature during storage -30 +65 °C ambient temperature during operation -20 +40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 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 3 hp • at 220/230 V rated value 5 hp • at 575/600 V rated value 5 hp • at 575/600 V rated value 5 hp • at 575/600 V rated value 7.5 hp Contactor Inumber of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum 600 V mechanical service life (operating cycles) of the main contacts typical Auxillary contact Inumber 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 contactor according to UL 10A@600V(A600), 2.5A@600V(Q600) Coil apparent holding power of magnet coil at AC 6.5 VA	ambient temperature [°F] during storage	-22 +149 °F
ambient temperature during operation -20 +40 °C country of origin Germany Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage • at AC at 50 Hz rated value 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 2 hp • at 220/230 V rated value 3 hp • at 460/480 V rated value 5 hp • at 575/600 V rated value 7.5 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 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 67 VA apparent holding power of magnet coil at AC 6.5 VA	ambient temperature [°F] during operation	-4 +104 °F
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 50 Hz rated value 120 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor • at 220/230 V rated value 2 hp • at 220/230 V rated value 3 hp • at 460/480 V rated value 5 hp • at 457/6800 V rated value 5 hp • at 575/6800 V rated value 7.5 hp Contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 600 V mechanical service life (operating cycles) of the main contacts typical 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 Iotal auxiliary contacts maximum 8 contact rating of auxiliary contacts maximum 8 contact rating of auxiliary contacts for ontactor according to UL coll apparent pick-up power of magnet coil at AC 65 VA apparent holding power of magnet coil at AC 65 VA	ambient temperature during storage	-30 +65 °C
Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage ent 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 2 hp at 220/230 V rated value 3 hp at 240/480 V rated value 5 hp at 5 hp at 55/600 V rated value 7.5 hp Contactor number of NO contacts for main contacts sperating 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 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts for contact rating of auxiliary contacts for contact and contacts for output of total power of magnet coil at AC 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 apparent holding power of magnet coil at AC acceptation 1 10 V AC 2 NO 3 NO 3 NO 4 Pp 4 Pp 5 NO 5 NO 5 NO 5 NO 6	ambient temperature during operation	-20 +40 °C
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 Cat 60 Hz rated value • at Cat 60 Hz rated value • at 200/208 V rated value • at 250/208 V rated value • at 250/308 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 600 V mumber 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 Auxillary contact number of NC contacts for auxilliary contacts 1 number of NO contacts for auxilliary contacts 1 number of NO contacts for auxilliary contacts 1 number of NO contacts for auxilliary contacts 1 number of total auxillary contacts maximum 8 contact rating of auxilliary contacts according to UL Coil apparent pick-up power of magnet coil at AC 67 VA apparent holding power of magnet coil at AC 6.5 VA	country of origin	Germany
type of voltage of the control supply voltage • at AC at 50 Hz rated value • at AC at 50 Hz rated value 120 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 755/600 V rated value • at 200/230 V rated v	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 No yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 2 hp at 220/230 V rated value 3 hp at 460/480 V rated value 5 hp at 575/600 V rated value 5 hp oat 575/600 V rated value 5 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 soperating voltage at AC-3 rated value maximum operating voltage for expected by the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL coil apparent holding power of magnet coil at AC 65 VA	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 at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value to the formation 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 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 contactor according to UL Coil apparent holding power of magnet coil at AC 65 VA apparent holding power of magnet coil at AC 65 VA	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 to the following 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 NO 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 holding power of magnet coil at AC apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC 65 VA	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 575/600 V rated value • at 575/600 V rated value To that or 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 NC contacts for auxiliary contacts number of total auxiliary contacts number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL Coil apparent holding power of magnet coil at AC 67 VA apparent holding power of magnet coil at AC 6.5 VA	• 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 575/600 V rated value • at 575/600 V rated value Total auxiliary 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 ie (operating cycles) of the main contacts typical Auxiliary contact number of NC contacts for auxiliary contacts 1 number of NC 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 65 VA	 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 be at 460/480 V rated value at 575/600 V rated value 7.5 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 Goperating 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 holding power of magnet coil at AC	disconnector functionality	No
at 220/230 V rated value at 460/480 V rated value bat 575/600 V rated value at 575/600 V rated value 7.5 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 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 67 VA apparent holding power of magnet coil at AC 6.5 VA	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value balance at 575/600 V rated value 7.5 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 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 apparent holding power of magnet coil at AC 65 VA	at 200/208 V rated value	2 hp
ontactor 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 Auxiliary contacts 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 67 VA 6.5 VA	• at 220/230 V rated value	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 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 6.5 VA	• at 460/480 V rated value	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 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	• at 575/600 V rated value	7.5 hp
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 600 V 6	Contactor	
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 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 apparent holding power of magnet coil at AC according to UL apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC according to UL apparent holding power of magnet coil at AC according to UL according to UL apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC according to UL apparent holding power of magnet coil at AC apparent holding power of magnet coil at AC according to UL ac	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 apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC		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 6.5 VA	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 apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 6.5 VA		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 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 apparent holding power of magnet coil at AC 6.5 VA	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 67 VA 6.5 VA	number of NC contacts for auxiliary contacts	1
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 67 VA 6.5 VA	number of NO contacts for 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	number of total auxiliary contacts maximum	8
apparent pick-up power of magnet coil at AC 67 VA apparent holding power of magnet coil at AC 6.5 VA	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 6.5 VA	Coil	
	apparent pick-up power of magnet coil at AC	67 VA
operating range factor control supply voltage rated value of 0.8 1.1	apparent holding power of magnet coil at AC	6.5 VA
	operating range factor control supply voltage rated value of	0.8 1.1

Siemens

magnet coil ON-delay time 9 38 ms OFF-delay time 4 16 ms Overload relay product function • overload protection • overload protection • external reset reset function adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure design of the housing 9 38 ms 9 16 ms Yes Yes Yes In Manual, automatic and remote (with optional accessory) 1	
Overload relay product function • overload protection • overload reset Yes reset function Manual, automatic and remote (with optional accessory) adjustment range of thermal overload trip unit 9 12.5 number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure NEMA 1 standard size enclosure	
Overload relay product function	
product function • overload protection • test function • external reset	
• overload protection • test function • external reset Yes reset function Manual, automatic and remote (with optional accessory) adjustment range of thermal overload trip unit 9 12.5 number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure NEMA 1 standard size enclosure	
 test function external reset reset function adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure Yes All optional remote (with optional accessory) 1 5A@600VAC (B600), 1A.@250VDC (R300) 	
● external reset reset function Manual, automatic and remote (with optional accessory) adjustment range of thermal overload trip unit 9 12.5 number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure Yes Manual, automatic and remote (with optional accessory) 1 5 12.5 1 5 A@600VAC (B600), 1A@250VDC (R300) NEMA 1 standard size enclosure	
reset function Manual, automatic and remote (with optional accessory) adjustment range of thermal overload trip unit 9 12.5 number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure Manual, automatic and remote (with optional accessory) 9 12.5 1 5A@600VAC (B600), 1A@250VDC (R300)	
adjustment range of thermal overload trip unit number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure 9 12.5 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 1 standard size enclosure	
number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure 1 5A@600VAC (B600), 1A@250VDC (R300) NEMA 1 standard size enclosure	
number of NO contacts of auxiliary contacts of overload relay contact rating of auxiliary contacts of overload relay according to UL Enclosure degree of protection NEMA rating of the enclosure 1 5A@600VAC (B600), 1A@250VDC (R300) ENCLOSURE NEMA 1 standard size enclosure	
contact rating of auxiliary contacts of overload relay according to UL 5A@600VAC (B600), 1A@250VDC (R300) Enclosure degree of protection NEMA rating of the enclosure NEMA 1 standard size enclosure	
UL Enclosure degree of protection NEMA rating of the enclosure NEMA 1 standard size enclosure	
degree of protection NEMA rating of the enclosure NEMA 1 standard size enclosure	
design of the housing indoors, usable on a general basis	
·	
Mounting/wiring	
mounting position vertical	
fastening method Surface mounting and installation	
type of electrical connection for supply voltage line-side Screw-type terminals	
tightening torque [lbf-in] for supply 18 21 lbf-in	
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded 2x (16 12), 2x (14 8)	
temperature of the conductor for supply maximum permissible 60 °C	
material of the conductor for supply CU	
type of electrical connection for load-side outgoing feeder Screw-type terminals	
tightening torque [lbf-in] for load-side outgoing feeder 18 21 lbf-in	
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded 2x (16 12), 2x (14 8)	
temperature of the conductor for load-side outgoing feeder maximum permissible	
material of the conductor for load-side outgoing feeder CU	
type of electrical connection of magnet coil Screw-type terminals	
tightening torque [lbf-in] at magnet coil 7 10 lbf-in	
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded 2x (16 12), 2x (14 8)	
temperature of the conductor at magnet coil maximum 75 °C permissible	
material of the conductor at magnet coil CU	
type of electrical connection for auxiliary contacts Screw-type terminals	
tightening torque [lbf-in] at contactor for auxiliary contacts 7 10 lbf-in	
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded	
temperature of the conductor at contactor for auxiliary contacts maximum permissible 75 °C	
material of the conductor at contactor for auxiliary contacts	
type of electrical connection at overload relay for auxiliary contacts Screw-type terminals	
tightening torque [lbf-in] at overload relay for auxiliary contacts 7 10 lbf-in	
type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded	
temperature of the conductor at overload relay for auxiliary contacts maximum permissible 70 °C	
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 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	

Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

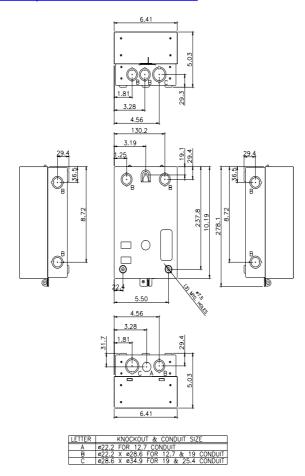
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