# **SIEMENS**

### **Data sheet**

3RE4122-8AA31-1GB0

STARTER, 3RE41228AA311GB0, WITH MODS



product designation Non-reversing motor starter Special product feature Start-Stop Push Buttons  General technical data weight [Ib] 8   b(av) Height x Width x Depth [in] 11 x 7 x 5 in touch protection against electrical shock NA for enclosed products installation altitude [it] at height above sea level maximum 6 550 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  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 4800/480 V rated value 10 hp at 4200/280 V rated value 25 hp  Contactor  umber of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz 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 NC contacts for auxiliary contacts 3 contact rating of auxiliary contacts according to UL OFf-delay time 4 16 ms	product brand name	Siemens	
weight [b] 8   b(av) Height x Width X Depth [n] 11 × 7 × 5 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6 550 ft country of origin Germany  Power and control electronics number of poles for main current circuit 3 type of voltage of the control supply voltage AC control supply voltage  at AC at 50 Hz rated value 110 V disconnector functionality No yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value 10 hp at 220/230 V rated value 25 hp at 26/480 V rated value 25 hp at 576/600 V rated value 25 hp  at 67/600 V rated value 25 hp  contactor number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts 1 number of NO contacts for auxiliary contact	product designation	Non-reversing motor starter	
weight [Ib]     8   b(av)       Height x Width x Depth [in]     11 x 7 x 5 in       touch protection against electrical shock     NA for enclosed products       installation altitude [it] at height above sea level maximum     6 560 ft       country of origin     Germany       Power and control electronics     Image: Control of the control supply voltage       umber of poles for main current circuit     3       type of voltage of the control supply voltage     AC       control supply voltage     AC       control supply voltage     AC       control supply voltage     AC       disconnector functionality     No       yeleided mechanical performance [hp] for 3-phase AC motor     No       e at 200/208 V rated value     10 hp       e at 220/230 V rated value     25 hp       e at 45/0480 V rated value     25 hp       e at 57/560 V rated value     25 hp       contactor     600 V       number of NO contacts for main contacts     3       operating voltage for main current circuit at AC at 60 Hz     600 V       maximum     600 V       Auxiliary contact     1       number of NO contacts for auxiliary contacts     1       number of NO contacts for auxiliary contacts     1       number of NO contacts for auxiliary contacts maximum     8       contac	special product feature	Start-Stop Push Buttons	
Height x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum of ofigin 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 20/230 V rated value • at 20/230 V rated value • at 20/230 V rated value • at 4575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 675/600 V rated	General technical data		
touch protection against electrical shock installation altitude (II) at height above sea level maximum country of origin  Power and control electronics number of poles for main current circuit 3 type of voitage of the control supply voltage et at AC at 50 Hz rated value 110 V at AC at 50 Hz rated value 120 V disconnector functionality yielded mechanical performance (Itp.) for 3-phase AC motor at 200/208 V rated value 10 hp at 420/203 V rated value 11 hp at 450/480 V rated value 25 hp at 575/600 V rated value 25 hp Tumber of NO contacts for main current circuit at AC at 60 Hz maximum operating voltage for mean current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum mechanical service (Ife (operating cycles) of the main contacts typical Auxillary contact number of NO contacts for auxillary contacts 1 number of NO contacts for auxillary contacts 2	weight [lb]	8 lb(av)	
installation altitude [ft] at height above sea level maximum country of origin  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 110 V at AC at 50 Hz rated value 110 V disconnector functionality No yielded mechanical performance [ftp] for 3-phase AC motor at 200/208 V rated value 10 hp at 220/230 V rated value 25 hp at 460/480 V rated value 25 hp bat 460/480 V rated value 25 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 Auxillary contact number of NO contacts for auxillary contacts 1 number of total auxillary contacts on auxillary contacts 1 number of total auxillary contacts on auxillary contacts 1 number of total auxillary contacts on auxillary contacts 1 number of total auxillary contacts on auxillary contacts 2 NO Operating range factor control supply voltage rated value of magner to pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  4 16 ms	Height x Width x Depth [in]	11 × 7 × 5 in	
country of origin Germany  Power and control lelectronics  number of poles for main current circuit 1ype of voltage of the control supply voltage  • at AC at 50 Hz rated value • at AC at 60 Hz rated value 110 V  disconnector functionality No  yielded mechanical performance (hp] for 3-phase AC motor • at 2200/230 V rated value 10 hp • at 2200/230 V rated value 25 hp • at 60/480 V rated value 25 hp • at 575/600 V rated value 25 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 typical Auxiliary contact  number of NO contacts for auxiliary contacts 1 number of NO contacts for	touch protection against electrical shock	NA for enclosed products	
number of poles for main current circuit type of voltage of the control supply voltage	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 10 hp at 220/230 V rated value 25 hp at 575/600 V rated value 25 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  Auxillary contact number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 3 number of NO contacts for auxiliary contacts 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 1 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 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 aux	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  • 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 480/480 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  • by the 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 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 NC contacts for auxiliary contacts  1 10A@600V(A600), 2.5A@600V(Q600)  Coll  apparent pick-up power of magnet coll at AC  apparent pick-up power of magnet coll at AC  apparent holding power of magnet coll at AC  operating range factor control supply voltage rated value of  magnet coll  ON-delay time  4 16 ms	Power and control electronics		
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  10 hp  at 220/230 V rated value  10 hp  at 450/480 V rated value  25 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 ille (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 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 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  4 16 ms	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  10 hp  at 220/230 V rated value  10 hp  at 480/480 V rated value  25 hp  at 575/600 V rated value  25 hp  contactor  number of NO contacts for main contacts  3 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 NO contacts for auxiliary contacts 1 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 NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts for auxiliary contacts 2 number of total auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC 4	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 460/480 V rated value  at 575/600 V rated value  at 575/600 V rated value  be 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  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 NO contacts for auxiliary contacts  1  number of total auxiliary contacts maximum  8  contact rating of auxiliary contacts or contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  8  40 ms  OFF-delay time  4 16 ms	control supply voltage		
disconnector functionality yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 4575/600 V rated value 25 hp  Contactor  number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz maximum 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 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 contacts of contacts of contacts of contacts of contacts of auxiliary contact of NO contacts of normaliary contacts 2 operating auxiliary contacts of contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC 79 VA 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	<ul> <li>at AC at 50 Hz rated value</li> </ul>	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 25 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 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 of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time 0 Section 10 hp	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 at 575/600 V rated value be at 575/600 V rated value 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 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 or 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  10 hp	disconnector functionality	No	
at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value 25 hp  Contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum  Maxiliary contact number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL  Coil apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil ON-delay time  OFF-delay time  10 hp 25 hp 26 hp 26 hp 26 main contacts 3 000 V 30 000 V 30 000 000  V 30 000	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     aperating voltage for main current circuit at AC at 60 Hz maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum operating voltage at AC-3 rated value maximum  mechanical service life (operating cycles) of the main contacts typical  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 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  25 hp  25 hp  26 hp  600 V  600	• at 200/208 V rated value	10 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     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	• at 220/230 V rated value	10 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 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum soundact 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	25 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 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  operating range factor control supply voltage rated value of magnet coil  ON-delay time  8 40 ms  OFF-delay time  4 16 ms	• at 575/600 V rated value	25 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  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  OFF-delay time  600 V  30 000 000  100  100  100  100  100  1	Contactor		
maximum operating voltage at AC-3 rated value maximum 600 V mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC 79 VA 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 4 16 ms	number of NO contacts for main contacts	3	
mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  0FF-delay time  30 000 000  1  10  000 000  1  10  000 000  1  10  000 000  1  10  000 000  1  000 000  1  000 000  1  000 000  1  000 000  000 000  1  000 000  0		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  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  1  1  1  1  1  1  1  1  1  1  1  1  1	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  Coil  apparent pick-up power of magnet coil at AC  apparent holding power of magnet coil at AC  operating range factor control supply voltage rated value of magnet coil  ON-delay time  0.8 40 ms  OFF-delay time  4 16 ms	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  0.8 1.1  0.8 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(Q60	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 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  ON-delay time  8 40 ms  OFF-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		

General Product Ap-				Dangerous goods	
Approvals Certificates					
certificate of suitability			UL 609	947-4-1	
● at 600 V			5 kA		
• at 480 V			5 kA		
• at 240 V			5 kA		
	urrent breaking capacity	(Icu)			
design of the short-circuit trip		Thermal magnetic circuit breaker			
design of the fuse link for circuit required	or short-circuit protection	or the main	Class J		
Short-circuit current rati		-641	CI		
	or at overload relay for au	xiliary contacts	CU		
contacts maximum perm	nissible	•			
	liary contacts single or multiple or multi		70 °C	,	
	ctable conductor cross-sections at overload relay		2x (20 16), 2x (18 14)		
	at overload relay for auxi	iliary contacts	7 10	lbf·in	
	ction at overload relay for		Screw-type terminals		
maximum permissible material of the conducto	or at contactor for auxiliary	y contacts	CU		
•	y contacts single or multi- luctor at contactor for aux		75 °C		
type of connectable con-	ductor cross-sections at o	contactor for		16), 2x (18 14)	
• •	at contactor for auxiliary		Screw-type terminals 7 10 lbf-in		
	ction for auxiliary contacts	8	CU Screw-type terminals		
permissible material of the conducto	ur at magnet coil		CII		
temperature of the cond	uctor at magnet coil max	imum	75 °C		
type of connectable con AWG cables single or m	ductor cross-sections of r	magnet coil for	2x (16	12), 2x (14 8)	
tightening torque [lbf·in]	-		7 10 lbf-in		
type of electrical connec				type terminals	
maximum permissible material of the conducto	or for load-side outgoing for	eeder	CU		
temperature of the cond	eeder single or multi-stran luctor for load-side outgoi		60 °C		
	ductor cross-sections for		2x (16 12), 2x (14 8)		
tightening torque [lbf·in]	for load-side outgoing fee	eder	18 2	1 lbf·in	
type of electrical connec	ction for load-side outgoin	ng feeder	Screw-	type terminals	
material of the conducto	r for supply		CU		
	luctor for supply maximun	m permissible	60 °C		
type of connectable con AWG cables single or m	ductor cross-sections at I	line-side for	2x (16	12), 2x (14 8)	
tightening torque [lbf·in]	for supply		18 2	1 lbf·in	
-	ction for supply voltage lin	ne-side	Screw-	type terminals	
fastening method				e mounting and install	lation
mounting position			vertica		
design of the housing  Mounting/wiring			indoors	s, usable on a general	i Dasis
-	MA rating of the enclosur	re		1 standard size enclo	
Enclosure	MA rating of the analogue		NEMA	1 standard size analo	and the
UL					
	y contacts of overload rel	lay according to	5A@60	00VAC (B600), 1A@2	250VDC (R300)
	of auxiliary contacts of ov	•	1		
	of auxiliary contacts of ov	verload relav	1	,	
reset function adjustment range of the	rmal overload trip unit		4.5 (		te (with optional accessory)
external reset			Yes		A- (vible A)
<ul><li>test function</li></ul>			Yes		
<ul> <li>overload protection</li> </ul>	n		Yes		
product function					
overload protection	חמ				





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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

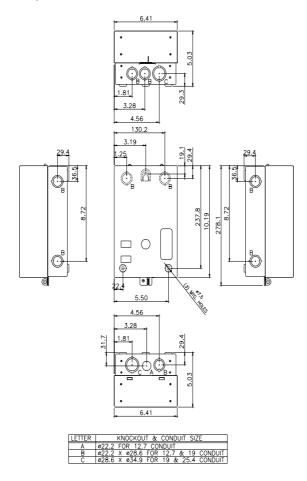
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