## SIEMENS

## Data sheet

## 3RA2326-8XB30-1AL2



Reversing contactor assembly AC-3,11 kW/400 V,AC230V,50/60Hz 3-pole, Size S0 screw terminal electrical and mechanical Interlock 2 NO integrated

product brand name         SIRUS           product designation         Reversing contactor assembly           product type designation         3RA23           manufacturer's article number         3R12026-fAL20           • 1 of the supplied contactor         3R12026-fAL20           • 2 of the supplied contactor         3R12026-fAL20           • of the supplied contactor         3R12026-fAL20           • of the supplied contactor         SR12026-fAL20           • at AC         SO           product extension auxiliary switch         Yes           shock resistance at rectangular impulse         • at AC           • at AC         10g / 5 ms, 7,5g / 10 ms           • at AC         13.5g / 5 ms, 8.3g / 10 ms           • at AC         13.5g / 5 ms, 8.3g / 10 ms           • at AC         1000 000           • of contactor typical         10 000 000           • of contactor typical         10 000 000           • of contactor typical         10 000 000           • of the contactor typical         10 000 00           • of the contactor typical         10 000 00 </th <th></th> <th></th>		
product type designation         3RA23           manufacturer's article number         3RT2026-1AL20           • 1 of the supplied contactor         3RT2026-1AL20           • 2 of the supplied contactor         3RT2026-1AL20           • of the supplied contactor         SRA2923-2AA1           General technical data         5           size of contactor         S0           product extension auxiliary switch         Yes           shock resistance at rectangular impulse         8.3g / 5 ms, 5.3g / 10 ms           • at AC         10g / 5 ms, 7.5g / 10 ms           • at DC         10g / 5 ms, 10g / 10 ms           • at DC         15g / 5 ms, 10g / 10 ms           • of contactor typical         10 000 000           • of the contacto	product brand name	SIRIUS
manufacturer's article number       3RT2026-1AL20         a of the supplied contactor       3RT2026-1AL20         a of the supplied contactor       3RT2026-1AL20         a of the supplied contactor       3RT2026-1AL20         size of contactor       S0         product extension auxiliary switch       Yes         shock resistance at rectangular impulse       8,3g / 5 ms, 5,3g / 10 ms         • at AC       10g / 5 ms, 7,5g / 10 ms         • at AC       10g / 5 ms, 8,3g / 10 ms         • at AC       10g / 5 ms, 8,3g / 10 ms         • at AC       10g / 5 ms, 10g / 10 ms         mechanical service life (switching cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         • of the more attrine       0         Ambient conditions       2000 m         Installation attitude at height above sea level maximum       2 000 m         ambient temperature       -25 +80 °C         • during storage       -25 +80 °C         Main circuit       3         number of NC contacts for main contacts       0         0 poerating voltage at AC-3 rated value	product designation	Reversing contactor assembly
• 1 of the supplied contactor     3RT2026-1AL20       • 2 of the supplied RH assembly kit     3RA2026-1AL20       of the supplied RH assembly kit     3RA2026-1AL20       size of contactor     S0       product extension auxiliary switch     Yes       shckr resistance at rectangular impulse     6.3g / 5 ms, 7.5g / 10 ms       • at AC     8.3g / 5 ms, 7.5g / 10 ms       • at AC     13.5g / 5 ms, 8.3g / 10 ms       • at AC     13.5g / 5 ms, 10g / 10 ms       • at AC     13.5g / 5 ms, 10g / 10 ms       • at AC     10.000 000       • of contactor typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       Ambient conditions     25 +60 °C       • during operation     -25 +80 °C       Main circuit     3       number of NC contacts for main contacts     3       operating voltage at AC-3 rated value maximum     690 V       operating voltage to V rated value     25 A       • at 800 V rated value     13 A       operating power     • at 600 V rated v	product type designation	3RA23
• 2 of the supplied contactor     3RT2028-1AL20       • of the supplied RH assembly kit     3RA2923-2AA1       Ceneral technical data     Size of contactor       size of contactor     S0       product extension auxiliary switch     Yes       shock resistance at rectangular impulse     8,3g / 5 ms, 5,3g / 10 ms       • at AC     8,3g / 5 ms, 7,5g / 10 ms       • at AC     10g / 5 ms, 7,5g / 10 ms       • at AC     13,5g / 5 ms, 8,3g / 10 ms       • at AC     13,5g / 5 ms, 8,3g / 10 ms       • at AC     13,5g / 5 ms, 8,3g / 10 ms       • at AC     10g / 5 ms, 7,5g / 10 ms       • at AC     13,5g / 5 ms, 8,3g / 10 ms       • at AC     10g / 5 ms, 7,5g / 10 ms       • at DC     15g / 5 ms, 8,3g / 10 ms       • at DC     10g / 000       • of contactor typical     10 000 000       • of contactor typical     10 000 000       • of the contactor with added auxiliary switch block     10/01/2009       Ambient conditions     2000 m       installation altitude at height above sea level maximum     2000 m       ambient temperature     -40 "C       • during storage     -55 +60 "C       • during operation     -25 +80 "C       Main circuit     3       number of NC contacts for main contacts     0       operating	manufacturer's article number	
of the supplied RH assembly kit     SRA2923-2AA1  General technical data  size of contactor     S0 product extension auxiliary switch     S1 product extension auxiliary switch     shock resistance at rectangular impulse     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     shock resistance with sine pulse     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at AC     at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     • at DC     10g / 5 ms, 7,5g / 10 ms     10000 000     10g / 5 ms, 7,5g / 10 ms     10000 000     10g / 5 ms, 7,5g / 10 ms     10000 000     10g / 5 ms, 7,5g / 10 ms     10000 000     10000     000     10000 000     10000     10000     000     10000 000     10000     10000     10000     10000     10000     10000     10000     10000     10000     10000     10000	<ul> <li>1 of the supplied contactor</li> </ul>	<u>3RT2026-1AL20</u>
General technical data     S0       size of contactor     S0       product extension auxiliary switch     Yes       shock resistance at rectangular impulse     8.3g / 5 ms, 5.3g / 10 ms       • at AC     8.3g / 5 ms, 5.3g / 10 ms       • at AC     10g / 5 ms, 7.5g / 10 ms       • at AC     13.5g / 5 ms, 8.3g / 10 ms       • at AC     13.5g / 5 ms, 8.3g / 10 ms       • at AC     13.5g / 5 ms, 10g / 10 ms       • at AC     1000 000       • of contactor typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       Ambient conditions     2 000 m       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -25 +60 °C       • during storage     -25 +60 °C       • during storage     -25 +80 °C       Main circuit     3       number of NO contacts for main contacts     3       number of NC contacts for main contacts     0       operating voltage at AC-3 rated value maximum     690 V       operating voltage at AC-3     25 A       • at 600 V rated value     25 A       • at 600 V rated value     13 A       operat	<ul> <li>2 of the supplied contactor</li> </ul>	<u>3RT2026-1AL20</u>
size of contactor     S0       product extension auxiliary switch     Yes       shock resistance at rectangular impulse     8,3g / 5 ms, 5,3g / 10 ms       • at AC     8,3g / 5 ms, 7,5g / 10 ms       • at AC     10g / 5 ms, 7,5g / 10 ms       • at AC     13,5g / 5 ms, 8,3g / 10 ms       • at AC     13,5g / 5 ms, 10g / 10 ms       • at AC     15g / 5 ms, 10g / 10 ms       • at DC     15g / 5 ms, 10g / 10 ms       mechanical service life (switching cycles)     10 000 000       • of contactor typical     10 000 000       • of contactor with added auxiliary switch block typical     10 000 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     10/01/2009       Ambient conditions     10/01/2009       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -25 +60 °C       • during operation     -25 +60 °C       • during storage     -55 +80 °C       Main circuit     3       number of NO contacts for main contacts     3       number of NO contacts for main contacts     3       operating voltage at AC-3 rated value maximum     690 V       operating voltage value     25 A       • at 400 V rated value     13 A       operating tov vrated value	<ul> <li>of the supplied RH assembly kit</li> </ul>	<u>3RA2923-2AA1</u>
product extension auxiliary switch     Yes       shock resistance at rectangular impulse     8,3g / 5 ms, 5,3g / 10 ms       • at AC     10g / 5 ms, 7,5g / 10 ms       shock resistance with sine pulse     10g / 5 ms, 7,5g / 10 ms       • at AC     13,5g / 5 ms, 8,3g / 10 ms       • at AC     13,5g / 5 ms, 10g / 10 ms       • at DC     15g / 5 ms, 10g / 10 ms       • at AC     13,5g / 5 ms, 10g / 10 ms       • at Contactor typical     10 000 000       • of the contactor with added auxiliary switch block typical     10 000 000       • of the contactor with added auxiliary switch block typical     10/01/2009       Ambient conditions     2000 m       installation altitude at height above sea level maximum     2 000 m       ambient temperature     -25 +60 °C       • during operation     -25 +60 °C       • during storage     -55 +80 °C       Main circuit     3       number of poles for main current circuit     3       number of NO contacts for main contacts     0       operating voltage at AC-3 rated value maximum     690 V       operating voltage at AC-3 rated value     18 A       • at 600 V rated value     13 A       operating power     • at 60-3	General technical data	
shock resistance at rectangular impulse       8,3g / 5 ms, 5,3g / 10 ms         • at AC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       13,5g / 5 ms, 8,3g / 10 ms         • at AC       13,5g / 5 ms, 8,3g / 10 ms         • at AC       13,5g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block       10 000 000         typical       10 000 000         Substance Prohibitance (Date)       10/01/2009         Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during storage       -55 +80 °C         • during storage       -55 +80 °C         Main circuit       3         number of NO contacts for main contacts       0         operating voltage at AC-3       690 V         operating voltage at AC-3       25 A	size of contactor	SO
• at AC       8,3g / 5 ms, 5,3g / 10 ms         • at DC       10g / 5 ms, 7,5g / 10 ms         • at AC       13,5g / 5 ms, 8,3g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (switching cycles)       1000000         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/1/2009         Ambient conditions       2 000 m         ambient temperature       -25 +60 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         Main circuit       3         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage at AC-3 rated value maximum       690 V         operating voltage at AC-3       25 A         • at 690 V rated value       18 A         • at 400 V rated value       13 A         operating voltage value       13 A         operating power       • at 600 V rated value         • at 690 V rated value       13 A	product extension auxiliary switch	Yes
• at DC       10g / 5 ms, 7,5g / 10 ms         shock resistance with sine pulse       13,5g / 5 ms, 8,3g / 10 ms         • at AC       13,5g / 5 ms, 8,3g / 10 ms         • at DC       15g / 5 ms, 10g / 10 ms         mechanical service life (switching cycles)       10 000 000         • of contactor typical       10 000 000         • of the contactor with added auxiliary switch block typical       10 000 000         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       10/1/2009         Ambient conditions       2 000 m         ambient temperature       -460 °C         • during operation       -25 +60 °C         • during storage       -55 +80 °C         Main circuit       3         number of poles for main current circuit       3         number of NC contacts for main contacts       0         operating voltage at AC-3 rated value maximum       690 V         operating voltage value       18 A         • at 690 V rated value       18 A         • at 690 V rated value       13 A         operating power       • at 600 V rated value         • at 690 V rated value       13 A	shock resistance at rectangular impulse	
shock resistance with sine pulse     iii)     iii)       • at AC     13,5g / 5 ms, 8,3g / 10 ms       • at DC     15g / 5 ms, 10g / 10 ms       mechanical service life (switching cycles)     iii)       • of contactor typical     10 000 000       • of the contactor with added auxiliary switch block     10 000 000       • typical     10 000 000       reference code according to IEC 81346-2     Q       Substance Prohibitance (Date)     100/1/2009       Ambient conditions     installation altitude at height above sea level maximum       ambient temperature     400 V m       • during operation     -25 +60 °C       • during storage     -55 +80 °C       Main circuit     3       number of poles for main current circuit     3       number of NC contacts for main contacts     3       number of NC contacts for main contacts     0       operating voltage at AC-3 rated value maximum     690 V       operating voltage at AC-3 rated value     18 A       • at 600 V rated value     13 A       operating power     • at 600 V rated value       • at AC-3     0	• at AC	8,3g / 5 ms, 5,3g / 10 ms
• at AC13,5g / 5 ms, 8,3g / 10 ms• at DC15g / 5 ms, 10g / 10 msmechanical service life (switching cycles)0 000 000• of contactor typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperation current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power • at AC-313 A	• at DC	10g / 5 ms, 7,5g / 10 ms
• at DC15g / 5 ms, 10g / 10 msmechanical service life (switching cycles)10 000 000• of contactor typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum e during operation2 000 mambient temperature • during storage-25 +60 °Cof under of poles for main current circuit3number of NC contacts for main contacts3number of NC contacts for main contacts0operating voltage at AC-3 rated value25 A• at 690 V rated value18 A• at 690 V rated value13 Aoperating power • at AC-313 A	shock resistance with sine pulse	
mechanical service life (switching cycles)10 000 000• of contactor typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 mambient temperature • during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NC contacts for main contacts0operating at AC-3 rated value maximum690 Voperating tat 400 V rated value18 A• at 500 V rated value18 A• at 600 V rated value13 Aoperating power • at AC-313 A	• at AC	13,5g / 5 ms, 8,3g / 10 ms
<ul> <li>of contactor typical</li> <li>10 000 000</li> <li>of the contactor with added auxiliary switch block typical</li> <li>reference code according to IEC 81346-2</li> <li>Q</li> <li>Substance Prohibitance (Date)</li> <li>10/01/2009</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>2 000 m</li> <li>ambient temperature         <ul> <li>during operation</li> <li>25 +60 °C</li> <li>during storage</li> <li>-55 +80 °C</li> </ul> </li> <li>Main circuit</li> <li>number of NO contacts for main contacts</li> <li>operating voltage at AC-3 rated value maximum</li> <li>at 400 V rated value</li> <li>at 600 V rated value</li> <li>A 600 V rated value</li> </ul>	• at DC	15g / 5 ms, 10g / 10 ms
• of the contact10 000 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperating current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power• at AC-3• at AC-3• at AC-3	mechanical service life (switching cycles)	
typicalreference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NO contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperating lower25 A• at 400 V rated value18 A• at 690 V rated value13 A	<ul> <li>of contactor typical</li> </ul>	10 000 000
reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 mambient temperature-25 +60 °C• during operation-25 +80 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power • at AC-313 A	<ul> <li>of the contactor with added auxiliary switch block</li> </ul>	10 000 000
Substance Prohibitance (Date)10/01/2009Ambient conditions2installation altitude at height above sea level maximum2ambient temperature-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 690 V rated value18 A• at 690 V rated value13 Aoperating power• at AC-3• at AC-3• at AC-3		
Ambient conditions       2 000 m         installation altitude at height above sea level maximum       2 000 m         ambient temperature       -25 +60 °C         • during storage       -55 +80 °C         Main circuit       3         number of poles for main current circuit       3         number of NC contacts for main contacts       3         operating voltage at AC-3 rated value maximum       690 V         operational current at AC-3       25 A         • at 690 V rated value       18 A         • at 690 V rated value       13 A         operating power       • at AC-3	reference code according to IEC 81346-2	
installation altitude at height above sea level maximum2 000 mambient temperature-25 +60 °C• during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NO contacts for main contacts3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power • at AC-313 A	Substance Prohibitance (Date)	10/01/2009
ambient temperature• during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NO contacts for main contacts3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power • at AC-313 A	Ambient conditions	
• during operation-25 +60 °C• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NO contacts for main contacts3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power • at AC-313 A	installation altitude at height above sea level maximum	2 000 m
• during storage-55 +80 °CMain circuit3number of poles for main current circuit3number of NO contacts for main contacts3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power • at AC-313 A	ambient temperature	
Main circuit       3         number of poles for main current circuit       3         number of NO contacts for main contacts       3         number of NC contacts for main contacts       0         operating voltage at AC-3 rated value maximum       690 V         operational current at AC-3       400 V rated value         • at 400 V rated value       25 A         • at 500 V rated value       18 A         • at 690 V rated value       13 A	<ul> <li>during operation</li> </ul>	-25 +60 °C
number of poles for main current circuit3number of NO contacts for main contacts3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power13 A	<ul> <li>during storage</li> </ul>	-55 +80 °C
number of NO contacts for main contacts3number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 690 V rated value13 Aoperating power13 A	Main circuit	
number of NC contacts for main contacts0operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value18 A• at 500 V rated value13 Aoperating power• at AC-3	number of poles for main current circuit	3
operating voltage at AC-3 rated value maximum690 Voperational current at AC-325 A• at 400 V rated value25 A• at 500 V rated value18 A• at 690 V rated value13 Aoperating power• at AC-3	number of NO contacts for main contacts	3
operational current at AC-3       25 A         • at 400 V rated value       18 A         • at 690 V rated value       13 A         operating power       • at AC-3	number of NC contacts for main contacts	0
• at 400 V rated value25 A• at 500 V rated value18 A• at 690 V rated value13 Aoperating power	operating voltage at AC-3 rated value maximum	690 V
at 500 V rated value     18 A     13 A     13 A     operating power     at AC-3	operational current at AC-3	
at 690 V rated value     13 A     operating power     at AC-3	• at 400 V rated value	25 A
• at AC-3	• at 500 V rated value	18 A
• at AC-3	at 690 V rated value	13 A
	operating power	
- at 400 V rated value 11 kW	• at AC-3	
	— at 400 V rated value	11 kW

	44 1/1/1
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
at AC-4 at 400 V rated value	7.5 kW
operating frequency at AC-3 maximum	750 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage 1 at AC	
• at 50 Hz rated value	230 V
at 60 Hz rated value	230 V
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	77 VA
inductive power factor with closing power of the coil	0.00
• at 50 Hz	0.82
apparent holding power of magnet coil at AC	0.0 \/A
• at 50 Hz	9.8 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.27
Auxiliary circuit	
number of NO contacts for auxiliary contacts	
per direction of rotation	1
instantaneous contact	2
contact reliability of auxiliary contacts	< 1 error per 100 million operating cycles
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	21 A
at 600 V rated value	22 A
yielded mechanical performance [hp] for 3-phase AC motor	
• 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
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit</li> </ul>	
— with type of coordination 1 required	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 100 A
— with type of assignment 2 required	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 35 A
<ul> <li>for short-circuit protection of the auxiliary switch</li> </ul>	fuse gG: 10 A
required	
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail
height	101 mm
width	90 mm
depth	97 mm
required spacing	
<ul> <li>with side-by-side mounting</li> </ul>	
— forwards	6 mm
— backwards	0 mm
— upwards	6 mm
— downwards	6 mm
— at the side	6 mm
<ul> <li>for grounded parts</li> </ul>	
— forwards	6 mm
— backwards	0 mm

— upwards	6 mm
— at the side	6 mm
— downwards	6 mm
• for live parts	
— forwards	6 mm
— backwards	0 mm
— upwards	6 mm
— downwards	6 mm
— at the side	6 mm
Connections/ Terminals	<b>O</b> min
type of electrical connection	
for main current circuit	screw-type terminals
for auxiliary and control circuit	screw-type terminals
at contactor for auxiliary contacts	Screw-type terminals
of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	ociew-type terminais
for main contacts	$\Omega_{11}(4 = 0.5 \text{ mm}^2)$ $\Omega_{11}(0.5 = 40 \text{ mm}^2)$
— solid	2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )
— solid or stranded	2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )
— finely stranded with core end processing	2x (1 2.5 mm <sup>2</sup> ), 2x (2.5 6 mm <sup>2</sup> ), 1x 10 mm <sup>2</sup>
at AWG cables for main contacts	2x (16 12), 2x (14 8)
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>at AWG cables for auxiliary contacts</li> </ul>	2x (20 16), 2x (18 14)
Safety related data	
B10 value with high demand rate according to SN 31920	1 000 000
proportion of dangerous failures	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	75 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
T1 value for proof test interval or service life according to IEC 61508	20 y
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
product function bus communication	Yes
protocol is supported AS-Interface protocol	No
product function control circuit interface with IO link	No
Certificates/ approvals	
General Product Approval	Declaration of Conformity
<u>Confirmation</u>	FOF 66
(SP (UL)	FHF CE
	LIIL EG-Konf.
un UL	
Test Certificates Marine / Shipping	
Special Test Certific-	₽ Å Unarda
ate (Ma)	Register (2)
ABS	DNV LRS PRS
BUREAU VERITAS	
Marine / Shipping other	Railway

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**Confirmation** 

## **Further information**

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2326-8XB30-1AL2

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2326-8XB30-1AL2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RA2326-8XB30-1AL2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2326-8XB30-1AL2&lang=en

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2326-8XB30-1AL2/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2326-8XB30-1AL2&objecttype=14&gridview=view1

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