# SIEMENS

### Data sheet

### 3RA2225-1BD23-0AK6

product brand name         SIRUS           product designation         nonfused motor states SRA2           design of the product         reversing stater           mainfacture/s article number         SIRU2012-BASS           of the suppled contactor         SIRU2022-IAR00           of the suppled contactor         SIRU2022-IAR00           of the suppled contactor         SIRU2022-IAR00           of the suppled law module         SIRU2022-IAR00           context account on the suppled law module         SIRU2022-IAR00           degree of the circul-breaker         SOO           size of the different suppled law module         SIRU2022-IAR00           degree of pollution         SIRU2022-IAR00           six of the		Fuseless motor starter Reversing operation 600VAC Size S0 1.4-2A 110/120VAC 50/60HZ screw connection For snapping onto 60 mm busbar systems Type of coordination 2 IQ = 150 KA Also full fills type Of coordination 1 1NO+1NC (MSP) 1NO+1NC (per contactor)
design of the product     reversing starter       manufacturer's article number     SRT2023-LAK60       • of the supplied contactor     SRT2023-LAK60       stac of load feedor     SO       stac of load feedor     SO       insultion voltage with degree of pollution 3 at AC rated value     690 V       degree of pollution     3       stac of load feedor     SO       stock resistence according to EC 6068-227     6g /11 ms       mechanical service Mic (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     030 /12017       Weight     1.75 kg       Ambient conditions     -400 rg operating voltage       -80 · redo voltage     -80 · redo voltage       operating re	product brand name	SIRIUS
manufacture's article number     SR12022-1AK60       of the supplied circuit-breakers     SR22021-16A15       of the supplied fract-breakers     SR22021-16A15       of the supplied fract-breakers     SR22021-16A15       if the supplied fract-breakers     SR22021-16A00       Stao of the circuit-breaker     S00       size of the circuit-breaker     S00       size of the circuit-breaker     S00       size of the circuit-breaker     S0       product extension auxiliary switch     Yes       insulation voitage with degree of pollution 3 at AC rated value     690 V       degree of pollution     3       surge voitage resistance rated value     6 k/v       shock resistance according to IEC 60068-227     6g /11 ms       mechanical service life (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     0301/2017       Weight     1.75 kg       Ambient temperature	product designation	non-fused motor starter 3RA2
of the supplied contactor     SR12022-1AK80     of the supplied Circuit-breakers     of the supplied New Server Serv	design of the product	reversing starter
• of the supplied Risk assembly kit         3R42211518A15           • of the supplied bash adapter         3R42223-1081           • of the supplied bash adapter         3R42223-1040           • of the supplied bash adapter         3R4223-1040           • of the supplied bash adapter         S00           size of the circuit-breaker         S0           size of the dircuit-breaker         S0           insulation voltage with degree of pollution 3 at AC rated value         660 V           degree of pollution         3           surge voltage resistance rated value         S4V           shock resistance according to IEC 60088-227         6g /11 ms           mechanical service life (operaling cycles) of contactor typical         0.000 000           type of assignment         2           Substance Prohibitance (Date)         0.301/2017           Weight         1.75 kg           Anbitent temperature         -60 °C           - during trapport         -20 +60 °C           - during trapport         -20 +60 °C           - during trapport         -20 +60 °C           - during trapport         -3           design of the switching contact         electomechanical           adjustable current circuit         3           design of the	manufacturer's article number	
of the supplied baser adapter     sets of the circuit-breaker     size of the circu	<ul> <li>of the supplied contactor</li> </ul>	<u>3RT2023-1AK60</u>
	<ul> <li>of the supplied circuit-breakers</li> </ul>	<u>3RV2011-1BA15</u>
• of the supplied link module     General technical dats     Size of the circuit-breaker     Size of the circuit-breaker     Size of load feeder     Size of load feeder	<ul> <li>of the supplied RS assembly kit</li> </ul>	<u>3RA2923-1DB1</u>
General technical data     S00       size of the directive decler     S0       product extension auxiliary switch     Yes       Insulation voltage with degree of pollution 3 at AC rated value     689 V       degree of pollution     3       surg voltage resistance rated value     6.KV       shock resistance according to IEC 60068-2:27     6.g / 11 ms       mechanical service life (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     0.301/2017       Weight     1.75 kg       Anthient conditions     -20 +60 °C       - during operature     -20 +60 °C       - during itorape     -50 +80 °C       Main circuit     3       rumber of poles for main current circuit     3       design of the writching contact     electromechanical       adjustable current response value current of the current-     14 2 A       operating request at AC-3     690 V       operating request at AC-3     500 W       • at 400 V rated value     500 W       • at 600 V rated value     150 M       • at 600 V rated value     150 W       • at 600 V rated value     750 W       • at 600 V rated value     110 V       • at 600 V rated value     150 W       • at	<ul> <li>of the supplied busbar adapter</li> </ul>	<u>8US1251-5NT10</u>
size of the circuit-breaker     S00       size of load feeder     S0       product extension auxillary switch     Yes       insulation voltage with degree of pollution 3 at AC rated value     690 V       degree of pollution     3       surge voltage resistance rated value     64V       shock resistance according to IEC 60068-2-27     6g / 11 ms       mechanical service lik (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     03/01/2017       Weight     1.75 kg       Ambient conditions     -       ambient temperature     -       • during storage     -50 +60 °C       • during transport     -55 +80 °C       Main circuit     3       number of poles for main current circuit     3       design of the switching contact     electromechanical       adjustable current response value current of the current-dependent overload relazes     680 V       • at AC-3 rated value     690 V       • at AC-3 rated value     50 60 Hz       operating rower at AC-3     100 V rated value       • at 400 V rated value     13 A       operating power at AC-3     100 V       • at 400 V rated value     100 W       Control supply voltage at AC     110 V	<ul> <li>of the supplied link module</li> </ul>	<u>3RA2921-1AA00</u>
size of load feeder     80       product extension auxiliary switch     Yes       insulation voltage with degree of pollution     3       surge voltage resistance rated value     6K V       shock resistance according to IEC 60068-277     6g /11 ms       mechanical service life (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     03001/2017       Weight     1.75 kg       Ambient conditions     -       ambient temperature     -       • during operation     -20 +60 °C       • during storage     -50 +80 °C       Main circuit     3       number of poles for main current circuit     3       design of the switching contact     electromechanical       adjustable current response value current of the current-     14 2 A       operating release     690 V       • att AC-3 rated value     690 V       • att dvalue     690 V       • att dvalue     690 V       • att dvalue     600 V       • att dvalue     600 V       • att dvalue     690 V       • att dvalue     750 W       • att dvalue     750 W       • att dvalue     750 W       • at 50 V rated value     750 W       • at 50	General technical data	
product extension auxiliary switch         Yes           insulation voltage with degree of pollution         3           surge voltage resistance rated value         68 VV           shock resistance according to IEC 60068-2-27         69 (11 ms           mechanical service life (operating cycles) of contactor typical         10 000 000           type of assignment         2           Substance Prohibitance (Date)         03/01/2017           Weight         1.75 kg           Ambient conditions         -           ambient transport         -20 +60 °C           • during operation         -20 +60 °C           • during transport         -55 +80 °C           Main circuit         3           number of poles for main current circuit         3           design of the switching contact         electromechanical           adjustable current response value current of the current-         400 °C           • at AC-3 rated value         690 V           • at AC-3 rated value         690 V           • at AC-3 rated value         600 V           • at 400 V rated value         19 A           operating frequency rated value         750 W           • at 600 V rated value         750 W           • at 600 V rated value         110 V <th>size of the circuit-breaker</th> <th>S00</th>	size of the circuit-breaker	S00
insulation voltage with degree of pollution 3 at AC rated value     690 V       degree of pollution     3       surge voltage resistance rated value     6 KV       shock resistance according to IEC 60068-2-27     6g / 11 ms       mechanical service life (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     03/01/2017       Weight     1.75 kg       Ambient conditions     ambient temperature       • during operation     -20 +60 °C       • during itorage     -50 +60 °C       • during itorage     -50 +60 °C       • during operation     -20 +60 °C       • during operation     -20 +60 °C       • during operation     -20 +60 °C       • during vorage     -55 +80 °C       Main circuit     3       number of poles for main current circuit     3       design of the switching contact     electromechanical       adjustable current response value current of the current-     1.4 2 A       operating requency rated value     690 V       • at AC-3 rated value     690 V       operating requency rated value     1.9 A       operating power at AC-3     et 40 V rated value       • at 400 V rated value     750 W       • at 600 V rated value     100	size of load feeder	S0
insulation voltage with degree of pollution 3 at AC rated value     690 V       degree of pollution     3       surge voltage resistance rated value     6 KV       shock resistance according to IEC 60068-2-27     6g / 11 ms       mechanical service life (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     03/01/2017       Weight     1.75 kg       Ambient conditions     ambient temperature       • during operation     -20 +60 °C       • during itorage     -50 +60 °C       • during itorage     -50 +60 °C       • during operation     -20 +60 °C       • during operation     -20 +60 °C       • during operation     -20 +60 °C       • during vorage     -55 +80 °C       Main circuit     3       number of poles for main current circuit     3       design of the switching contact     electromechanical       adjustable current response value current of the current-     1.4 2 A       operating requency rated value     690 V       • at AC-3 rated value     690 V       operating requency rated value     1.9 A       operating power at AC-3     et 40 V rated value       • at 400 V rated value     750 W       • at 600 V rated value     100	product extension auxiliary switch	Yes
degree of pollution     3       surge voltage resistance rated value     6 kV       shock resistance according to IEC 60068-2-27     6g / 11 ms       mechanical service life (persting cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     0301/2017       Weight     1.75 kg       Ambient conditions     -00+60 °C       ambient temperature     -00+60 °C       • during operation     -20+60 °C       • during transport     -55+80 °C       Main circuit     3       number of poles for main current circuit     3       design of the switching contact     electromechanical       adjustable current response value current of the current-     14 2 A       operating routage     690 V       • attaC value     50 60 Hz       operating requency rated value     50 W       • attaC value     750 W       • at 400 V rated value     750 W       • at 500 V rated value     750 W       • at 50 Hz rated value     110 V       • at 50 Hz rated value     120 V       • at 50 Hz rated value     120	· · · · · · · · · · · · · · · · · · ·	690 V
surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2:27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 type of assignment 2 Substance Prohibitance (Date) 03/01/2017 Weight 1.75 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage +50 +80 °C • during storage +50 +80 °C • during storage +55 +80 °C • during storage +55 +80 °C • during transport 2.55 +80 °C • during transport 1.4 2.A mumber of poles for main current circuit 3 design of the switching contact electromechanical adjustable current response value current of the current- 1.4 2.A operating requency rated value 690 V • etated value 690 V operating frequency rated value 50 60 Hz operating frequency rated value 50 60 Hz operating frequency rated value 750 W • at AC-3 at 400 V rated value 750 W • at 600 V rated value 750 W • at 600 V rated value 1100 W Control circuit/ Control Control supply voltage at AC- • at 60 Hz rated value 88 121 V • at 80 Hz rated value 88 121 V • at 80 Hz rated value 88 121 V • at 60 Hz rated value 88 121 V • at 60 Hz rated value 88 121 V • at 80 Hz rated value 96 132 V apparent holding power of the coil 0.28 Auxiliary circuit		
shock resistance according to IEC 60068-2-27     6g / 11 ms       mechanical service life (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     03/01/2017       Weight     1.75 kg       Ambient conditions		
mechanical service life (operating cycles) of contactor typical     10 000 000       type of assignment     2       Substance Prohibitance (Date)     03/01/2017       Weight     1.75 kg       Amblent conditions		
type of assignment     2       Substance Prohibitance (Date)     03/01/2017       Weight     1.75 kg       Ambient conditions		-
Substance Prohibitance (Date)       03/01/2017         Weight       1.75 kg         Ambient temperature       -20 +60 °C         • during storage       -50 +80 °C         • during transport       -55 +80 °C         Main circuit       3         design of the switching contact       electromechanical         adjustable current response value current of the current-dependent overload release       690 V         operating voltage       600 V         • at AC-3 rated value       690 V         operating frequency rated value       50 60 Hz         operating for value maximum       690 V         • at AC-3 rated value       1.9 A         operating over at AC-3       -         • at 400 V rated value       1.9 A         operating power at AC-3       -         • at 600 V rated value       750 W         • at 600 V rated value       100 W         Control supply voltage at AC       110 V         • at 50 Hz rated value       88 121 V         • at 50 Hz rated value       120 V         • at 50 Hz rated value       96 132 V         • at 60 Hz rated value       7.2 VA         inductive power factor with the holding power of the coil       0.28		
Weight       1.75 kg         Ambient conditions		
Ambient conditions         ambient temperature         • during storage         • during transport         -50 +80 °C         Main circuit         number of poles for main current circuit         3         design of the switching contact         electromechanical         adjustable current response value current of the current-         dependent overload release         operating voltage         • rated value         690 V         • at AC-3 rated value maximum         690 V         • at 400 V rated value         operating frequency rated value         operating frequency rated value         750 W         • at 400 V rated value         operating frequency rated value         19 A         operating power at AC-3         • at 400 V rated value         • at 600 V rated value         • at 60 Hz rated value         • at 60 Hz rated value         • at 60 Hz rated value         • at 6		
ambient temperature       -20 +60 °C         • during storage       -50 +80 °C         • during transport       -55 +80 °C         Main circuit       3         design of the switching contact       electromechanical         adjustable current response value current of the current- dependent overload release       1.4 2 A         operating voltage       690 V         • at AC-3 rated value       690 V         • at AC-3 rated value maximum       690 V         operating frequency rated value       50 60 Hz         operating power at AC-3       1.9 A         operating power at AC-3       1.9 A         operating power at AC-3       1.0 W         Control circuit/ Control       750 W         • at 600 V rated value       100 W         Control circuit/ Control       10 V         • at 50 Hz rated value       120 V         • at 60 Hz rated value		
• during operation       -20 +60 °C         • during storage       -50 +80 °C         • during transport       -55 +80 °C         Main circuit       3         design of the switching contact       electromechanical         adjustable current response value current of the current- dependent overload release       1.4 2 A         operating voltage       690 V         • at AC-3 rated value       690 V         • at AC-3 rated value maximum       690 V         operating frequency rated value       50 60 Hz         operating power at AC-3       4.00 V rated value         • at 400 V rated value       750 W         • at 400 V rated value       750 W         • at 400 V rated value       750 W         • at 690 V rated value       1100 W         Control circuit/ Control       10 V         control supply voltage at AC       10 V         • at 50 Hz rated value       88 121 V         • at 60 Hz rated value       120 V         • at 60 Hz rated value       96 132 V         • aparent holding power of magnet coil at AC       7.2 VA         inductive power factor with the holding power of the coil       0.28		
• during storage     -50 +80 °C       • during transport     -55 +80 °C       Main circuit     3       number of poles for main current circuit     3       design of the switching contact     electromechanical       adjustable current response value current of the current- dependent overload release     14 2 A       operating voltage     690 V       • rated value     690 V       • at AC-3 rated value maximum     690 V       operating frequency rated value     50 60 Hz       operating power at AC-3 at 400 V rated value     1.9 A       operating power at AC-3     400 V rated value       • at 400 V rated value     750 W       • at 600 V rated value     100 W       Control circuit/ Control     700 W       control supply voltage at AC     110 V       • at 50 Hz rated value     88 121 V       • at 60 Hz rated value     120 V       • at 60 Hz rated value     96 132 V       • at 60 Hz rated value     92 V </th <th>-</th> <th>-20 +60 °C</th>	-	-20 +60 °C
• during transport     -55 +80 °C       Main circuit     3       number of poles for main current circuit     3       design of the switching contact     electromechanical       adjustable current response value current of the current- dependent overload release     14 2 A       operating voltage     690 V       • at AC-3 rated value maximum     690 V       operating prequency rated value     50 60 Hz       operating power at AC-3     19 A       operating power at AC-3     750 W       • at 400 V rated value     750 W       • at 600 V rated value     100 W       Control circuit/ Control     110 V       • at 50 Hz rated value     110 V       • at 50 Hz rated value     120 V       • at 60 Hz rated value     96 132 V       • at 60 Hz rated value     96 132 V       • at 60 Hz rated value     96 132 V       • at 60 Hz rated value     92 V <th></th> <th></th>		
Main circuit       3         number of poles for main current circuit       3         design of the switching contact       electromechanical         adjustable current response value current of the current- dependent overload release       1.4 2 A         operating voltage       690 V         • att AC-3 rated value maximum       690 V         operating frequency rated value       50 60 Hz         operating power at AC-3       690 V         • at 400 V rated value       1.9 A         operating power at AC-3       750 W         • at 400 V rated value       750 W         • at 600 V rated value       750 W         • at 500 V rated value       100 W         Control circuit/ Control       110 V         • at 50 Hz rated value       120 V         • at 60 Hz rated value       120 V         • at 60 Hz rated value       120 V         • at 60 Hz rated value       96 132 V         apparent holding power of magnet coil at AC       7.2 VA         inductive power factor with the holding power of the coil       0.28		
number of poles for main current circuit       3         design of the switching contact       electromechanical         adjustable current response value current of the current- dependent overload release       1.4 2 A         operating voltage       690 V         • rated value       690 V         • eat AC-3 rated value maximum       690 V         operating frequency rated value       50 60 Hz         operating power at AC-3 at 400 V rated value       1.9 A         operating power at AC-3       750 W         • at 400 V rated value       750 W         • at 500 V rated value       100 W         Control circuit/ Control       100 W         Control supply voltage at AC       110 V         • at 50 Hz rated value       110 V         • at 60 Hz rated value       120 V         • at 60 Hz rated value       96 132 V         apparent holding power of magnet coil at AC       7.2 VA         inductive power factor with the holding power of the coil       0.28		
design of the switching contact       electromechanical         adjustable current response value current of the current- dependent overload release       1.4 2 A         operating voltage       690 V         • rated value       690 V         • at AC-3 rated value maximum       690 V         operating frequency rated value       50 60 Hz         operating power at AC-3 at 400 V rated value       1.9 A         operating power at AC-3       -         • at 400 V rated value       750 W         • at 600 V rated value       100 W         Control circuit/ Control       -         control supply voltage at AC       -         • at 50 Hz rated value       110 V         • at 50 Hz rated value       120 V         • at 60 Hz rated value       96 132 V         apparent holding power of magnet coil at AC       7.2 VA         inductive power factor with the holding power of the coil       0.28		3
adjustable current response value current of the current- dependent overload release       1.4 2 A         operating voltage <ul> <li>tated value</li> <li>eated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> </ul> operating frequency rated value       690 V         operating frequency rated value       50 60 Hz         operating power at AC-3 at 400 V rated value       1.9 A         operating power at AC-3		
dependent overload release         operating voltage         • rated value       690 V         • at AC-3 rated value maximum       690 V         operating frequency rated value       50 60 Hz         operating power at AC-3 at 400 V rated value       1.9 A         operating power at AC-3		
rated value <ul> <li>rated value maximum</li> <li>690 V</li> <li>eat AC-3 rated value maximum</li> <li>690 V</li> </ul> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operating power at AC-3 at 400 V rated value</li> <li>1.9 A</li> <li>operating power at AC-3         <ul> <li>eat 400 V rated value</li> <li>750 W</li> <li>eat 500 V rated value</li> <li>750 W</li> <li>eat 690 V rated value</li> <li>100 W</li> </ul> </li> <li>Control supply voltage at AC         <ul> <li>eat 50 Hz rated value</li> <li>110 V</li> <li>eat 50 Hz rated value</li> <li>20 V</li> <li>eat 60 Hz rated value</li> <li>120 V</li> <li>eat 60 Hz rated value</li> <li>20 V</li> <li>20 V</li></ul></li>		
• at AC-3 rated value maximum       690 V         operating frequency rated value       50 60 Hz         operational current at AC-3 at 400 V rated value       1.9 A         operating power at AC-3       -         • at 400 V rated value       750 W         • at 500 V rated value       750 W         • at 690 V rated value       100 W         Control circuit/ Control       100 W         control supply voltage at AC       110 V         • at 50 Hz rated value       110 V         • at 50 Hz rated value       98 121 V         • at 60 Hz rated value       96 132 V         • at 60 Hz rated value       96 132 V         • at 60 Hz rated value       96 20 V         • at 60 Hz rated value       96 132 V         • at 60 Hz rated value       92 V <t< th=""><th>operating voltage</th><th></th></t<>	operating voltage	
operating frequency rated value       50 60 Hz         operational current at AC-3 at 400 V rated value       1.9 A         operating power at AC-3       -         • at 400 V rated value       750 W         • at 500 V rated value       750 W         • at 690 V rated value       1 100 W         Control circuit/ Control       -         control supply voltage at AC       -         • at 50 Hz rated value       110 V         • at 50 Hz rated value       120 V         • at 60 Hz rated value       96 121 V         • at 60 Hz rated value       96 132 V         apparent holding power of magnet coil at AC       7.2 VA         inductive power factor with the holding power of the coil       0.28	rated value	690 V
operational current at AC-3 at 400 V rated value1.9 Aoperating power at AC-3750 W• at 400 V rated value750 W• at 500 V rated value750 W• at 690 V rated value1 100 WControl circuit/ ControlControl supply voltage at AC• at 50 Hz rated value110 V• at 50 Hz rated value88 121 V• at 60 Hz rated value96 132 V• at 60 Hz rated value96 132 Vapparent holding power of magnet coil at AC7.2 VAinductive power factor with the holding power of the coil0.28Auxiliary circuit400 Control	• at AC-3 rated value maximum	690 V
operating power at AC-3       750 W         • at 400 V rated value       750 W         • at 500 V rated value       750 W         • at 690 V rated value       1 100 W         Control circuit/ Control       1 100 W         Control supply voltage at AC       1 10 V         • at 50 Hz rated value       110 V         • at 50 Hz rated value       110 V         • at 50 Hz rated value       120 V         • at 60 Hz rated value       96 132 V         • at 60 Hz rated value       96 132 V         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       96 132 V         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       96 200 C         • at 60 Hz rated value       90 200 C         • at 60 Hz rated value       90 200 C         • at 60 Hz rated value       90 200 C         • at 60 Hz rated value       90 200 C         • at 60 Hz rated value<	operating frequency rated value	50 60 Hz
• at 400 V rated value         750 W           • at 500 V rated value         750 W           • at 690 V rated value         1 100 W           Control circuit/ Control         1 100 W           control supply voltage at AC         • at 50 Hz rated value           • at 50 Hz rated value         110 V           • at 50 Hz rated value         88 121 V           • at 60 Hz rated value         96 132 V           • at 60 Hz rated value         96 132 V           • at 60 Hz rated value         0.28           Auxiliary circuit         4uxiliary circuit	operational current at AC-3 at 400 V rated value	1.9 A
<ul> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>1 100 W</li> <li>Control circuit/ Control</li> <li>control supply voltage at AC         <ul> <li>at 50 Hz rated value</li> <li>110 V</li> <li>at 50 Hz rated value</li> <li>at 50 Hz rated value</li> <li>at 60 Hz rated</li></ul></li></ul>	operating power at AC-3	
• at 690 V rated value         1 100 W           Control circuit/ Control	• at 400 V rated value	750 W
Control circuit/ Control         control supply voltage at AC         • at 50 Hz rated value         • at 50 Hz rated value         • at 50 Hz rated value         • at 60 Hz rated value         • at 60 Hz rated value         • at 60 Hz rated value         96 132 V         apparent holding power of magnet coil at AC         7.2 VA         inductive power factor with the holding power of the coil         0.28	• at 500 V rated value	750 W
control supply voltage at AC       110 V         • at 50 Hz rated value       110 V         • at 50 Hz rated value       88 121 V         • at 60 Hz rated value       120 V         • at 60 Hz rated value       96 132 V         apparent holding power of magnet coil at AC       7.2 VA         inductive power factor with the holding power of the coil       0.28	• at 690 V rated value	1 100 W
• at 50 Hz rated value         110 V           • at 50 Hz rated value         88 121 V           • at 60 Hz rated value         120 V           • at 60 Hz rated value         96 132 V           apparent holding power of magnet coil at AC         7.2 VA           inductive power factor with the holding power of the coil         0.28	Control circuit/ Control	
• at 50 Hz rated value88 121 V• at 60 Hz rated value120 V• at 60 Hz rated value96 132 Vapparent holding power of magnet coil at AC7.2 VAinductive power factor with the holding power of the coil0.28Auxiliary circuit	control supply voltage at AC	
• at 60 Hz rated value     120 V       • at 60 Hz rated value     96 132 V       apparent holding power of magnet coil at AC     7.2 VA       inductive power factor with the holding power of the coil     0.28	• at 50 Hz rated value	110 V
• at 60 Hz rated value     96 132 V       apparent holding power of magnet coil at AC     7.2 VA       inductive power factor with the holding power of the coil     0.28	• at 50 Hz rated value	88 121 V
apparent holding power of magnet coil at AC       7.2 VA         inductive power factor with the holding power of the coil       0.28         Auxiliary circuit       0.28	• at 60 Hz rated value	120 V
inductive power factor with the holding power of the coil 0.28 Auxiliary circuit	• at 60 Hz rated value	96 132 V
inductive power factor with the holding power of the coil 0.28 Auxiliary circuit	apparent holding power of magnet coil at AC	7.2 VA
Auxiliary circuit		0.28
number of NC contacts for auxiliant contacts 2	Auxiliary circuit	
number of NG contacts for auxiliary contacts 3	number of NC contacts for auxiliary contacts	3

number of NO contacts for auxiliary contacts	3
Protective and monitoring functions	·
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip unit	26 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	1.63 A
at 400 V rated value	1.72 A
yielded mechanical performance [hp]	
for single-phase AC motor	
- at 230 V rated value	0.13 hp
• for 3-phase AC motor	0.10 mp
- at 460/480 V rated value	0.75 hp
— at 575/600 V rated value	1 hp
Short-circuit protection	ų ir ių
	Yes
product function short circuit protection	
design of the short-circuit trip	magnetic
conditional short-circuit current (Iq)	452,000 A
at 400 V according to IEC 60947-4-1 rated value	153 000 A
nstallation/ mounting/ dimensions	
mounting position	vertical
fastening method	for snapping onto 60 mm busbar systems
height	260 mm
width	90 mm
depth	155 mm
required spacing	
for grounded parts	
— forwards	10 mm
— backwards	0 mm
— upwards	30 mm
— at the side	9 mm
— downwards	10 mm
<ul> <li>for live parts</li> </ul>	
— forwards	10 mm
— backwards	0 mm
— upwards	30 mm
— downwards	10 mm
— at the side	9 mm
Connections/ Terminals	
type of electrical connection for main current circuit	screw-type terminals
type of connectable conductor cross-sections for main contacts stranded	1 10 mm², 2x (2.5 6 mm²)
connectable conductor cross-section for main contacts finely stranded with core end processing	1 6 mm²
Safety related data	
proportion of dangerous failures with high demand rate according to SN 31920	73 %
B10 value with high demand rate according to SN 31920	1 000 000
Electrical Safety	
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
Approvals Certificates	
General Product Approval	For use in hazard- ous locations other Environment
CE UK ERI	Confirmation Environmental Con- firmations

#### Further information Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 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=3RA2225-1BD23-0AK6 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2225-1BD23-0AK6 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RA2225-1BD23-0AK6 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2225-1BD23-0AK6&lang=en Characteristic: Tripping characteristics, I2t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RA2225-1BD23-0AK6/char Further characteristics (e.g. electrical endurance, switching frequency) -3RA2225-1BD23-0AK6&objecttype=14&gridview=view1 http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=

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