## **SIEMENS**

## **Data sheet**

3RA2225-1AD23-0BB4

product brand name product designation non-used moor stanter \$RA2 design of the product manufacturer's article number of the supplied contactor of the supplied contactor of the supplied Assamshby kit of the supplied kit and the supplied Assamshby kit of the supplied Assamshby kit of the supplied the suppl		Fuseless motor starter Reversing operation 600VAC Size S0 1.1-1.6A 24V DC 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 manufacturer's article number of the supplied contactor of the supplied contactor of the supplied solubbar adapter of the supplied solubbar adapter of the supplied link module General tuchinical data size of the circuit-breaker size of the circuit-breaker of the supplied link module General tuchinical data size of the circuit-breaker size of load feeder solubbar of the circuit-breaker size of load feeder solubbar of size of load feeder product extension auxiliary switch growth of size of load feeder product extension auxiliary switch growth of size of load feeder solubbar of size of size of size of size of size of load feeder solubbar of size of si	product brand name	SIRIUS
manufacturer's article number  of the supplied circut-breakers of the supplied circut-breakers of the supplied link module  Stace of the circut-breaker of the supplied link module  Stace of the circut-breaker size of load feeder product extension auxiliary switch resultation voltage with degree of pollution 3 at AC rated value degree of pollution  Surge voltage resistance rated value 6 kW shock resistance according to IEC 60088-2.27 6 J 11 ms mechanical service Iffe (operating cycles) of contactor typical type of assignment 2 Substance Prohibitance (Date) Weight 2.14 kg Ambient conditions  ambient temperature of utring operation of the switching contact adjustable current response value current of the current-dependent overload release operating voltage or rated value or at AC-3 rated value maximum operating protect at 400 V rated value  1.11.6 A operating prover at AC-3 or at 400 V rated value  1.5 A Operating prover at AC-3 or at 400 V rated value  1.5 A Operating prover at AC-3 or at 400 V rated value  550 W  1.5 A Operating prover at AC-3 or at 400 V rated value  550 W  1.5 A Operating prover at AC-3 or at 400 V rated value  1.5 A Operating prover at AC-3 or at 400 V rated value  1.5 A Operating prover at AC-3 or at 400 V rated value  1.5 A Operating prover at AC-3 or at 400 V rated value  2 AV Obolding power of magnet coll at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts  1.1 puber of NC contacts for auxiliary contacts  1.2 LASS 10 Operating dependency are auxiliary contacts  1.4 mumber of NC contacts for auxiliary contacts  1.5 design of the overload release  design of the coverload release  design of the overload release	product designation	non-fused motor starter 3RA2
e of the supplied contactor  of the supplied row between several sever	design of the product	reversing starter
e of the supplied coult-breakers of the supplied No sasembly kit of the supplied busbar adapter of the supplied busbar adapter size of the supplied link module 3RA2923-1BA00  Concrat technical data size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of the circuit-breaker size of load feeder product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance rated value shock resistance according to IEC 60068-2-27 69 / 11 ms mechanical service IEC (operating cycles) of contactor typical shock resistance Prohibitance (Date) (Substance Prohibitance (Date) (Weight 2.14 kg Ambient conditions  Ambient temperature during operation during shorage during shorage during shorage during irransport 5-50+80°C  during shorage during irransport 5-50+80°C  Main circuit number of poles for main current circuit design of the switching contact adjustable current response value current of the current- dependent current at AC-3 at 400 V rated value poperating prequency rated value 550 W at 400 V rated value 1.5 A  operating prequency rated value 550 W at 300 V contacts for auxiliary contacts 500 W at 300 V rated value 500 V rated value 500 W at 300 V rated value 500 W a	manufacturer's article number	
of the supplied RS assembly kit     of the supplied busbar adapter     size of the circuit-breaker     size of t	<ul> <li>of the supplied contactor</li> </ul>	3RT2023-1BB40
of the supplied busbar adapter     of the supplied link module     3RA9281-1BA00  central tochrotal data size of the circuit-breaker     size of load feedor     size of	<ul> <li>of the supplied circuit-breakers</li> </ul>	3RV2011-1AA15
e of the supplied link module  Ceneral technical data  size of the circult-breaker  size of load feeder  so product extension auxiliary switch yes insulation voltage with degree of pollution 3 at AC rated value degree of pollution degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical type of assignment 2 Substance Prohibitance (Date) 0.3001/2017  Weight 2.14 kg Ambient conditions  ambient temperature during operation during storage during storage during storage 50+80 °C during transport 5.5+80 °C  ## Acurrent response value current of the current-dependent overload release e rated value at AC-3 rated value at AC-3 rated value 1.11.6 A operating power at AC-3 at 400 V rated value at 850 W rated value 1.50 W at 500 W at 600 V rated value 1.50 W at 500 W at 600 V rated value 1.50 W rated value 1.50 W at 600 V rated value 1.50 W 3.00 W 3	<ul> <li>of the supplied RS assembly kit</li> </ul>	3RA2923-1DB1
Secretal technical data   Size of the circuit-treaker   Size of load feeder   Size of	<ul> <li>of the supplied busbar adapter</li> </ul>	8US1251-5NT10
size of the circuit-breaker S00 size of load feeder S0 product extension auxiliary switch Yes insulation voltage with degree of pollution 3 at AC rated value 690 V degree of pollution 3 surge voltage resistance rated value 68 W 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 2.14 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C  Main circuit 1 1.6 A design of the switching contact electromechanical adjustable current response value current of the current-dependent overload release operating voltage	<ul> <li>of the supplied link module</li> </ul>	3RA2921-1BA00
size of load feeder product extension auxiliary switch product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value 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 1ype of assignment 2 Substance Prohibitance (Dato) 30:01/2017 Weight Abiliant conditions ambient temperature • during operation • during operation • during stroage • during transport • during transport • during transport • during transport 1.11.6 A design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage • rated value • at AC-3 rated value maximum 690 V operating frequency rated value operating frequency rated value 1.5 A operating frequency rated value • at 400 V rated value • at 500 V rated value • at 600 V control circuit Control control supply voltage at DC rated value  • at 600 V control supply voltage at DC rated value  • at 900 V control supply voltage at DC rated value  • at 900 V control supply voltage at DC rated value  • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 600 V controls for auxiliary contacts  number of NO contacts for auxiliary contacts  at 600 V class 10  cl	General technical data	
product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value degree of pollution  surge voltage resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 0000 000  type of assignment 2 Substance Prohibitance (Date) 30/01/2017  Weight 2-14 kg  Ambient conditions ambient temperature • during operation • during storage • during transport  Main circuit number of poles for main current circuit design of the switching contact digustable current response value current of the current- dependent overload release  operating voltage • rated value • rated value • at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3 • at 400 V rated value • at 690 V rated	size of the circuit-breaker	S00
insulation voltage with degree of pollution 3 at AC rated value degree of pollution 3 surge voltage resistance according to IEC 60068-2-27 6g / 11 ms mechanical service life (operating cycles) of contactor typical 10 000 000 1 type of assignment 2 Substance Prohibitance (Date) 03/01/2017 Weight 2.14 kg  Ambient conditions ambient temperature	size of load feeder	S0
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 2.14 kg Ambient conditions ambient temperature • during storage -50 +80 °C • during storage -50 +80 °C • during transport 5.5 +80 °C  Main circuit 1 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 990 V • at AC-3 rated value maximum 990 V operating frequency rated value 50 60 Hz operating during tard AC-3 • at 400 V rated value 550 W • at 630 V rated value 10 Control currol riccuit 100 W Control circuit/ Control control supply voltage at D C rated value 24 V holding power of AC-3 control supply voltage at D C rated value 24 V holding power of magnet coil at DC Auxiliary circuit number of NC contacts for auxiliary contacts 3 number of NC contacts for auxiliary contacts 5 ritp class CLASS 10 design of the overload release thermal (bimetallic)	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 (operating cycles) of contactor typical 10 000 000 type of assignment 2 Substance Prohibitance (Date) 03/01/2017 Weight 2.14 kg Ambient conditions ambient temperature • during operation -20 +60 °C • during storage -50 +80 °C • during storage -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 operating frequency rated value 50 60 Hz operating power at AC-3 • at 400 V rated value 550 W • at 630 V rated value 60 C rated V rated value 60 C rated V rated value 60 C rated V rat	insulation voltage with degree of pollution 3 at AC rated value	690 V
Surge voltage resistance according to IEC 60068-2-27		3
shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) of contactor typical mechanical service life (operating cycles) of contactor typical type of assignment 2 Substance Prohibitance (Date) 03/01/2017 Weight 2.14 kg Ambient conditions ambient temperature • during operation • during storage • during transport 0-20 +60 °C • during transport 0-55 +80 °C  Main circuit number of poles for main current circuit design of the switching contact dependent overload release operating voltage • at act value • at AC-3 rated value maximum operational current at AC-3 at 400 V rated value • at 400 V rated value • at 400 V rated value • at 600 V rated value	surge voltage resistance rated value	6 kV
type of assignment 2 Substance Prohibitance (Date) 03/01/2017  Weight 2.14 kg  Ambient conditions  ambient temperature  • during operation -20 +60 °C  • during storage -55 +80 °C  Main circuit  number of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release operating voltage  • rated value - 80 °C  • at AC-3 rated value maximum - 890 V  operating frequency rated value - 55 +60 °C  • at 400 V rated value - 550 W  • at 400 V rated value - 1.5 A  operating power at AC-3  • at 400 V rated value - 550 W  • at 500 V rated value - 100 W  • at 500 V rated value - 100 W  • at 500 V rated value - 100 W  • at 500 V rated value - 100 W  • at 500 V rated value - 100 W  • at 500 V rated value - 100 W  • at 500 V rated value - 100 W  Control circuit/ Control  control circuit/ Control  control supply voltage at DC rated value - 24 V  holding power of magnet coll at DC - 59 W  Auxiliary circuit  number of NC contacts for auxiliary contacts - 3  number of NC contacts for auxiliary contacts - 3  **Protective and monitoring functions  trip class - CLASS 10  thermal (bimetallic)		6g / 11 ms
Substance Prohibitance (Date)  Weight  Ambient conditions  ambient temperature  • during operation • during storage • during transport  Adain circuit number of poles for main current circuit adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3 • at 400 V rated value • at 550 W • at 600 V rated value  operating power at AC-3 • at 400 V rated value • at 550 W • at 600 V rated value • at 500 V rated value • at 500 V rated value • at 500 V rated value • at 600 V rated value • at 600 V rated value • at 500 V rated value • at 600 V rated	mechanical service life (operating cycles) of contactor typical	10 000 000
Substance Prohibitance (Date)  Weight  2.14 kg  Ambient conditions  ambient temperature  • during operation • during storage • during storage • during storage • during transport  **Total Common Comm	type of assignment	2
Melight 2.14 kg  Ambient conditions  ambient temperature  • during operation -20 +60 °C • during storage -50 +80 °C  • during transport -55 +80 °C  Main circuit		03/01/2017
ambient temperature  • during operation • during storage • during transport • 55 +80 °C  -50 +80 °C  -55 +80 °C  Main circuit  number of poles for main current circuit 3  design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage • rated value • at AC-3 rated value maximum operating power at AC-3 operating power at AC-3 • at 400 V rated value • at 550 W • at 500 V rated value • at 690 V rated value • 550 W • at 690 V rated value • 550 W • at 500 V rated value • 550 W • at 690 V rated value • 550 W • at 690 V rated value • 100 W  Control circuit/ Control  control supply voltage at DC rated value  control supply voltage at DC rated value  public power of magnet coil at DC  Auxiliary circuit number of NC contacts for auxiliary contacts supply coltacts for auxiliary contacts supply rotacts of auxiliary contacts supply of the overload release  trip class  CLASS 10 thermal (bimetallic)	<u> </u>	2.14 kg
<ul> <li>during peration</li> <li>during storage</li> <li>during transport</li> <li>-55 +80 °C</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>electromechanical</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>e at AC-3 rated value maximum</li> <li>690 V</li> <li>e at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operating power at AC-3</li> <li>e at 400 V rated value</li> <li>at 550 W</li> <li>e at 500 V rated value</li> <li>e at 550 W</li> <li>e at 690 V rated value</li> <li>control circuit/ Control</li> <li>control circuit/ Control</li> <li>control supply voltage at DC rated value</li> <li>24 V</li> <li>holding power of magnet coil at DC</li> <li>5.9 W</li> <li>Auxiliary circuit</li> <li>number of NC contacts for auxiliary contacts</li> <li>3</li> <li>number of NC contacts for auxiliary contacts</li> <li>3</li> <li>number of NC contacts for auxiliary contacts</li> <li>3</li> <li>Protective and monitoring functions</li> <li>trip class</li> <li>CLASS 10</li> <li>design of the overload release</li> </ul>	Ambient conditions	
<ul> <li>during peration</li> <li>during storage</li> <li>during transport</li> <li>-55 +80 °C</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>electromechanical</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>e at AC-3 rated value maximum</li> <li>690 V</li> <li>e at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operating power at AC-3</li> <li>e at 400 V rated value</li> <li>at 550 W</li> <li>e at 500 V rated value</li> <li>e at 550 W</li> <li>e at 690 V rated value</li> <li>control circuit/ Control</li> <li>control circuit/ Control</li> <li>control supply voltage at DC rated value</li> <li>24 V</li> <li>holding power of magnet coil at DC</li> <li>5.9 W</li> <li>Auxiliary circuit</li> <li>number of NC contacts for auxiliary contacts</li> <li>3</li> <li>number of NC contacts for auxiliary contacts</li> <li>3</li> <li>number of NC contacts for auxiliary contacts</li> <li>3</li> <li>Protective and monitoring functions</li> <li>trip class</li> <li>CLASS 10</li> <li>design of the overload release</li> </ul>	ambient temperature	
<ul> <li>during storage</li> <li>during transport</li> <li>55 +80 °C</li> <li>Main circuit</li> <li>number of poles for main current circuit</li> <li>design of the switching contact</li> <li>electromechanical</li> <li>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage</li> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>550 W</li> <li>at 500 V rated value</li> <li>550 W</li> <li>at 690 V rated value</li> <li>550 W</li> <li>ot 550 W</li> <li>ot 550 W</li> <li>ot 600 V rated value</li> <li>550 W</li> <li>ot 600 V rated value</li> <li>ot 750 W</li> <li>othrol circuit/ Control</li> <li>control circuit/ Control</li> <li>control supply voltage at DC rated value</li> <li>24 V</li> <li>holding power of magnet coil at DC</li> <li>5.9 W</li> <li>Auxiliary circuit</li> <li>number of NC contacts for auxiliary contacts</li> <li>anumber of NC contacts for auxiliary contacts</li> <li>3</li> <li>number of NO contacts for auxiliary contacts</li> <li>3</li> <li>Protective and monitoring functions</li> <li>trip class</li> <li>CLASS 10</li> <li>design of the overload release</li> </ul>	•	-20 +60 °C
during transport     design of poles for main current circuit     design of the switching contact     adjustable current response value current of the current-dependent overload release     operating voltage	• .	-50 +80 °C
Main circuit  number of poles for main current circuit  design of the switching contact adjustable current response value current of the current- dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum 690 V  operating frequency rated value  operating requency rated value  operating a Lorrent at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value • at 550 W • at 690 V  operating power at AC-3  • at 400 V rated value  550 W  • at 690 V		
number of poles for main current circuit  design of the switching contact  adjustable current response value current of the current- dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operating frequency rated value  operational current at AC-3 at 400 V rated value  • at 400 V rated value  • at 550 W  • at 690 V  operating power at AC-3  • at 400 V rated value  • at 550 W  • at 690 V rated value  • at 690 V rated value  • at 550 W  • at 690 V rated value		
design of the switching contact adjustable current response value current of the current- dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  operating frequency rated value  operating frequency rated value  operating power at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 550 W  • at 500 V rated value  • at 500 V rated value  • at 690 V rated value  Autiliary circuit  number of NC contacts for auxiliary contacts  rip class  class  CLASS 10  thermal (bimetallic)		3
adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  • at 690 V  • at 690 V  Operating power at AC-3  • at 400 V rated value  • at 500 V rated value  • at 690 V rated value  • at 700 V rated value  • at 890 V rated value  • at 890 V rated value  control circuit/ Control  control supply voltage at DC rated value  holding power of magnet coil at DC  5.9 W  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  7 refective and monitoring functions  trip class  design of the overload release  thermal (bimetallic)		electromechanical
dependent overload release  operating voltage  • rated value • at AC-3 rated value maximum  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value • at 550 W  • at 500 V rated value • at 690 V rated value  operating power at AC-3  • at 400 V rated value  • at 690 V rated value  • at 690 V rated value  • at 690 V rated value  1 100 W  Control circuit/ Control  control supply voltage at DC rated value  44 V  holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  7 Protective and monitoring functions  trip class  design of the overload release  thermal (bimetallic)		1.1 1.6 A
rated value     at AC-3 rated value maximum     690 V      operating frequency rated value     operating frequency rated value     operating power at AC-3 at 400 V rated value     operating power at AC-3     • at 400 V rated value     • at 500 V rated value     • at 690 V rated value	dependent overload release	
at AC-3 rated value maximum  operating frequency rated value  operating prequency rated value  operating power at AC-3 at 400 V rated value  in at 400 V rated value  at 550 W  at 500 V rated value  in at 690 V rated value  or at 690 V rated value  in at 690 V rated value  or at 690 V rated value  tontrol circuit/ Control  control supply voltage at DC rated value  holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  runder of NO contacts for auxiliary contacts  trip class  design of the overload release  thermal (bimetallic)	operating voltage	
operating frequency rated value  operational current at AC-3 at 400 V rated value  1.5 A  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  • at 690 V rated value  • at 690 V rated value  Control circuit/ Control  control supply voltage at DC rated value  4 V  holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  7 Protective and monitoring functions  trip class  design of the overload release  thermal (bimetallic)	• rated value	690 V
operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  • at 500 V rated value  • at 690 V rated value  • at 690 V rated value  control circuit/ Control  control supply voltage at DC rated value  tolding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  reprotective and monitoring functions  trip class  CLASS 10  design of the overload release  1.5 A	at AC-3 rated value maximum	690 V
operating power at AC-3  • at 400 V rated value  • at 500 V rated value  • at 690 V rated value  • at 690 V rated value  Control circuit/ Control  control supply voltage at DC rated value  24 V  holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  7  Protective and monitoring functions  trip class  CLASS 10  design of the overload release  550 W  550 W  550 W  550 W  550 W  550 W  CONTROL CONTROL CONTROL  550 W  CLASS 10  CLASS 10  CLASS 10  CLASS 10	operating frequency rated value	50 60 Hz
at 400 V rated value  at 500 V rated value  at 690 V rated value  1 100 W  Control circuit/ Control  control supply voltage at DC rated value  24 V  holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	operational current at AC-3 at 400 V rated value	1.5 A
<ul> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>1 100 W</li> </ul> Control circuit/ Control <ul> <li>control supply voltage at DC rated value</li> <li>holding power of magnet coil at DC</li> <li>5.9 W</li> </ul> Auxiliary circuit <ul> <li>number of NC contacts for auxiliary contacts</li> <li>number of NO contacts for auxiliary contacts</li> <li>3</li> <li>Protective and monitoring functions</li> </ul> trip class <ul> <li>CLASS 10</li> <li>design of the overload release</li> <li>thermal (bimetallic)</li> </ul>	operating power at AC-3	
at 690 V rated value  Control circuit/ Control  control supply voltage at DC rated value     holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Protective and monitoring functions  trip class  CLASS 10  design of the overload release  1 100 W  24 V  5.9 W  Auxiliary circuit  3  CLASS 10  thermal (bimetallic)	<ul> <li>at 400 V rated value</li> </ul>	550 W
Control circuit/ Control  control supply voltage at DC rated value 24 V  holding power of magnet coil at DC 5.9 W  Auxiliary circuit  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)	<ul><li>at 500 V rated value</li></ul>	550 W
control supply voltage at DC rated value  holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  7 Protective and monitoring functions  trip class  CLASS 10  design of the overload release  24 V  5.9 W  CLASS 10	<ul> <li>at 690 V rated value</li> </ul>	1 100 W
holding power of magnet coil at DC  Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  Protective and monitoring functions  trip class  CLASS 10  design of the overload release  thermal (bimetallic)	Control circuit/ Control	
Auxiliary circuit  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  Protective and monitoring functions  trip class  CLASS 10  design of the overload release  thermal (bimetallic)	control supply voltage at DC rated value	24 V
number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  Protective and monitoring functions  trip class  CLASS 10  design of the overload release  thermal (bimetallic)	holding power of magnet coil at DC	5.9 W
number of NO contacts for auxiliary contacts  Protective and monitoring functions  trip class  design of the overload release  CLASS 10  thermal (bimetallic)	Auxiliary circuit	
Protective and monitoring functions  trip class CLASS 10  design of the overload release thermal (bimetallic)	number of NC contacts for auxiliary contacts	3
trip class  CLASS 10  design of the overload release thermal (bimetallic)	number of NO contacts for auxiliary contacts	3
trip class  CLASS 10  design of the overload release thermal (bimetallic)	Protective and monitoring functions	
design of the overload release thermal (bimetallic)	trip class	CLASS 10
		thermal (bimetallic)
	response value current of instantaneous short-circuit trip unit	

JL/CSA ratings			
full-load current (FLA) for 3-phase AC motor			
at 480 V rated value	1.6 A		
at 600 V rated value	1.3 A		
yielded mechanical performance [hp]			
<ul> <li>for single-phase AC motor</li> </ul>			
— at 230 V rated value	0.1 hp		
<ul> <li>for 3-phase AC motor</li> </ul>			
— at 460/480 V rated value	0.75 hp		
— at 575/600 V rated value	0.75 hp		
hort-circuit protection			
product function short circuit protection	Yes		
design of the short-circuit trip	magnetic		
conditional short-circuit current (Iq)			
<ul> <li>at 400 V according to IEC 60947-4-1 rated value</li> </ul>	153 000 A		
stallation/ mounting/ dimensions			
mounting position	vertical		
fastening method	for snapping onto 60 mm busbar systems		
height	260 mm		
width	90 mm		
depth	165 mm		
required spacing			
for grounded parts			
— forwards	10 mm		
— backwards	0 mm		
— upwards	30 mm		
— at the side	9 mm		
— downwards	10 mm		
• for live parts			
— forwards	10 mm		
— backwards	0 mm		
— upwards	30 mm		
— downwards	10 mm		
— at the side	9 mm		
onnections/ Terminals	3 11111		_
	acrow type terminals		
type of electrical connection for main current circuit  type of connectable conductor cross-sections for main contacts	screw-type terminals 1 10 mm², 2x (2.5 6 mm²)		
connectable conductor cross-section for main contacts finely stranded with core end processing	1 6 mm²		
afety related data			
proportion of dangerous failures with high demand rate	72 0/.		
according to SN 31920	73 %		
B10 value with high demand rate according to SN 31920	1 000 000		
Electrical Safety	IDOO		
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	t from the front	
pprovals Certificates			
General Product Approval	For use in hazard-	other	Dangerous goods









Environment

Environmental Confirmations

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=3RA2225-1AD23-0BB4

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RA2225-1AD23-0BB4}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2225-1AD23-0BB4

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2225-1AD23-0BB4&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2225-1AD23-0BB4/char

Further characteristics (e.g. electrical endurance, switching frequency)
<a href="http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2225-1AD23-0BB4&objecttype=14&gridview=view1">http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2225-1AD23-0BB4&objecttype=14&gridview=view1</a>

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