## **SIEMENS**

## **Data sheet**

## 3RA2220-1CB23-0BB4



Combination Starter Non Reversing Fast Bus FLA Range 1.8-2.5A 3 Pole 24VDC Coil S0 Open Type 1NO <(>&<)> 1NC Aux

design of the product   reversing starter	product brand name	SIRIUS
manufacturer's article number  of the supplied contactor of the supplied contactor of the supplied RH assembly kit of the supplied busbar adapter of the supplied busbar adapter of the supplied busbar adapter of the supplied link module of the supplied link module of the supplied link module of the supplied standard mounting rail adapter  SRA2922-1AA00  ceneral technical data size of the circuit-breaker size of load feeder S0 product extension auxiliary switch resize of load feeder so product extension auxiliary switch resize of pollution surge voltage with degree of pollution 3 at AC rated value degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment  Ambient conditions ambient temperature of uring storage of uring storage of uring transport  S0  All rectuit  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 of a AC-3 rated value maximum operation at AC-3 at 400 V rated value operation gover at AC-3 operating frequency rated value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operation current at AC-3 operating voltage of the value value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operating voltage of the value value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operation current at AC-3 at 400 V rated value operation operation current at AC-3 at 400 V rated value	product designation	non-fused motor starter 3RA2
of the supplied contactor     of the supplied dricult-breakers     of the supplied RH assembly kit     of the supplied Dusbar adapter     of the supplied Unix module     of the supplied Ink module     of the supplied Ink module     of the supplied Ink module     of the supplied standard mounting rail adapter     of the supplied standard     of the supplied	design of the product	reversing starter
of the supplied circuit-breakers     of the supplied RH assembly kit     of the supplied busbar adapter     of the supplied standard mounting rail adapter     of the supplied standard mounting rail adapter     of the supplied standard mounting rail adapter     SoO     size of the circuit-breaker     size of the circuit-breaker     size of fload feeder     product extension auxiliary switch     insulation voltage with degree of pollution 3 at AC rated     value     degree of pollution     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27	manufacturer's article number	
of the supplied RH assembly kit     of the supplied bushar adapter     of the supplied link module     of the supplied link module     of the supplied link module     of the supplied standard mounting rail adapter     3RA2922-1AA00  Concral technical data  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     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27	<ul> <li>of the supplied contactor</li> </ul>	3RT2023-1BB40
of the supplied link module     of the supplied standard mounting rail adapter     of the supplied standard mounting rail adapter     of the supplied standard mounting rail adapter     size of the circuit-breaker     size of load feeder     size of load feeder     size of load feeder     size of load feeder     so     size of load feeder     so     size of load feeder     so     size of load feeder     siz	<ul> <li>of the supplied circuit-breakers</li> </ul>	3RV2011-1CA10
of the supplied link module     of the supplied standard mounting rail adapter  General technical data 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     surge voltage resistance rated value     shock resistance according to IEC 60068-2-27     mechanical service life (switching cycles) of contactor     type of assignment  ambient temperature     during operation     during storage     during transport     design of the switching contact  design of the switching contact  design of the switching contact  electromechanical adjustable current response value current of the current-dependent overload release     operating requency rated value     at AC-3 rated value     operation power at AC-3     at 400 V rated value     750 W  at 400 V rated value     750 W	<ul> <li>of the supplied RH assembly kit</li> </ul>	3RA2923-1BB1
• of the supplied standard mounting rail adapter  General technical data  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  surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical  type of assignment 2  Ambient conditions  ambient temperature • during operation • during storage • during transport  Ambient corditions  and 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 • at AC-3 rated value maximum operation power at AC-3 • at 400 V rated value  • at 400 V rated value  750 W	<ul> <li>of the supplied busbar adapter</li> </ul>	3RA2922-1AA00
Size of the circuit-breaker   S00	<ul> <li>of the supplied link module</li> </ul>	3RA2921-1BA00
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  surge voltage resistance rated value shock resistance according to IEC 60068-2-27  mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  ambient temperature  oldring operation oldring transport  ambient temperature  oldring transport  mumber of poles for main current circuit design of the switching contact adjustable current response value current of the current-dependent overload release  operating voltage operating requency rated value operation green at AC-3 at 400 V rated value operating power at AC-3 operating powe	<ul> <li>of the supplied standard mounting rail adapter</li> </ul>	3RA2922-1AA00
size of load feeder S0 product extension auxiliary switch Yes 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 (switching cycles) of contactor typical 10 000 000 type of assignment 2  Ambient conditions  ambient temperature	General technical data	
product extension auxiliary switch insulation voltage with degree of pollution 3 at AC rated value  degree of pollution  surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of contactor typical type of assignment 2  Ambient conditions  ambient temperature • during operation • during storage • during storage • during transport  number of poles for main current circuit 2 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 operational current at AC-3 at 400 V rated value operating power at AC-3 • at 400 V rated value 750 W	size of the circuit-breaker	S00
insulation voltage with degree of pollution 3 at AC rated value  degree of pollution  surge voltage resistance rated value  shock resistance according to IEC 60068-2-27  mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  amblent temperature  during operation  during storage  during transport  -50 +80 °C  during transport  -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  at AC-3 rated value maximum  operating frequency rated value  operating power at AC-3  at 400 V rated value  750 W	size of load feeder	S0
degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 fee deg / 11 ms mechanical service life (switching cycles) of contactor typical type of assignment  2  Ambient conditions  ambient temperature during operation during storage during transport  -20 +60 °C during transport  -20 +80 °C during transport  -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 at AC-3 rated value maximum operating frequency rated value operating power at AC-3 at 400 V rated value  750 W	product extension auxiliary switch	Yes
surge voltage resistance rated value shock resistance according to IEC 60068-2-27  mechanical service life (switching cycles) of contactor typical type of assignment  2  Ambient conditions  ambient temperature		690 V
shock resistance according to IEC 60068-2-27  mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  ambient temperature  • during operation • during storage • during transport  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 power at AC-3 • at 400 V rated value  • at 400 V rated value  750 W	degree of pollution	3
mechanical service life (switching cycles) of contactor typical  type of assignment  2  Ambient conditions  ambient temperature  • during operation • during storage • during transport  Main 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 power at AC-3 • at 400 V rated value  10 000 000  10 000 000  20  -20 +60 °C  -20 +60 °C  -20 +80	surge voltage resistance rated value	6 kV
type of assignment  2  Ambient conditions  ambient temperature  • during operation • during storage • during transport  Ambient 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  operating frequency rated value  operating power at AC-3 • at 400 V rated value  750 W	shock resistance according to IEC 60068-2-27	6g / 11 ms
Ambient conditions  ambient temperature  • during operation  • during storage  • during transport  All of the switching contact  adjustable current response value current of the current-dependent overload release  operating voltage  • rated value  • at AC-3 rated value  operating frequency rated value  operating power at AC-3  • at 400 V rated value  750 W		10 000 000
ambient temperature  • during operation • during storage • during transport  -50 +80 °C  • during transport  -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  • at AC-3 rated value maximum  690 V  operating frequency rated value  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  750 W	type of assignment	2
<ul> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>-50 +80 °C</li> <li>during transport</li> <li>-55 +80 °C</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>design of the switching contact</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>operating frequency rated value</li> <li>operating lower at AC-3 at 400 V rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>750 W</li> </ul>	Ambient conditions	
<ul> <li>during storage</li> <li>during transport</li> <li>-50 +80 °C</li> </ul> Main circuit <ul> <li>number of poles for main current circuit</li> <li>design of the switching contact</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>operating frequency rated value</li> <li>operating frequency rated value</li> <li>operating power at AC-3 at 400 V rated value</li> <li>at 400 V rated value</li> <li>750 W</li> </ul>	ambient temperature	
<ul> <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>adjustable current response value current of the current-dependent overload release</li> <li>operating voltage <ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>operating frequency rated value</li> <li>operational current at AC-3 at 400 V rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> </ul> </li> <li>750 W</li> </ul>	<ul> <li>during operation</li> </ul>	-20 +60 °C
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 power at AC-3 at 400 V rated value  at 400 V rated value  750 W	<ul> <li>during storage</li> </ul>	-50 +80 °C
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 power at AC-3  • at 400 V rated value  750 W	<ul> <li>during transport</li> </ul>	-55 +80 °C
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  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  750 W	Main 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  operational current at AC-3 at 400 V rated value  operating power at AC-3  • at 400 V rated value  750 W	number of poles for main current circuit	3
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  750 W	design of the switching contact	electromechanical
<ul> <li>rated value</li> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current at AC-3 at 400 V rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>750 W</li> </ul>		1.8 2.5 A
<ul> <li>at AC-3 rated value maximum</li> <li>690 V</li> <li>operating frequency rated value</li> <li>operational current at AC-3 at 400 V rated value</li> <li>operating power at AC-3</li> <li>at 400 V rated value</li> <li>750 W</li> </ul>	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	<ul><li>rated value</li></ul>	690 V
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 AC-3 rated value maximum	690 V
operating power at AC-3  • at 400 V rated value  750 W	operating frequency rated value	50 60 Hz
• at 400 V rated value 750 W	operational current at AC-3 at 400 V rated value	1.9 A
	operating power at AC-3	
a at 500 V rated value	• at 400 V rated value	750 W
▼ at 500 v rateu value	• at 500 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	5.9 W
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
response value current of instantaneous short-circuit trip unit	32.5 A
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	2.15 A
<ul> <li>at 600 V rated value</li> </ul>	2.24 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 230 V rated value	0.17 hp
<ul> <li>for 3-phase AC motor</li> </ul>	
— at 200/208 V rated value	0.5 hp
<ul> <li>at 220/230 V rated value</li> </ul>	0.5 hp
— at 460/480 V rated value	1 hp
— at 575/600 V rated value	1.5 hp
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (Iq)	
• at 400 V according to IEC 60947-4-1 rated value	153 000 A
Installation/ mounting/ dimensions	153 000 A
Installation/ mounting/ dimensions mounting position	vertical
Installation/ mounting/ dimensions mounting position fastening method	vertical snap-on fastening on 35 mm standard rail
Installation/ mounting/ dimensions mounting position fastening method height	vertical snap-on fastening on 35 mm standard rail 265 mm
Installation/ mounting/ dimensions mounting position fastening method height width	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth	vertical snap-on fastening on 35 mm standard rail 265 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm
Installation/ mounting/ dimensions  mounting position  fastening method  height  width  depth  required spacing  • for grounded parts	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — backwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — upwards - upwards - for live parts — forwards — backwards — backwards — upwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 10 mm 10 mm 10 mm 10 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — downwards • for lowe parts — forwards — backwards — backwards — backwards — downwards	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — at the side — downwards — torwards — torwards — backwards — backwards — backwards — backwards — at the side	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 10 mm 10 mm 10 mm 10 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — at we side — downwards — to side — downwards — backwards — backwards — backwards — at the side Connections/ Terminals	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 10 mm 9 mm 10 mm 9 mm 9 mm 10 mm 9 mm 9 mm 9 mm 9 mm 9 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing  • for grounded parts — forwards — backwards — upwards — at the side — downwards  • for live parts — forwards — backwards — a the side — downwards  • for live parts — forwards — backwards — backwards — at the side Connections/ Terminals  type of electrical connection for main current circuit	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 10 mm
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm somm 10 mm 0 mm somm 9 mm somm 10 mm somm 10 mm somm somm somm somm somm somm somm s
Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — to rewards — backwards — upwards — backwards — upwards — to remain side  Connections/ Terminals  type of electrical connection for main current circuit type of connectable conductor cross-sections • for main contacts stranded	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm sorew-type terminals  1 10 mm², 2x (2.5 6 mm²)
Installation/ mounting/ dimensions  mounting position  fastening method height width  depth  required spacing  • for grounded parts  — forwards  — backwards  — upwards  — at the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — a the side  — downwards  • for live parts  — forwards  — backwards  — upwards  — at the side  Connections/ Terminals  type of electrical connection for main current circuit  type of connectable conductor cross-sections  • for main contacts stranded  • at AWG cables for main contacts  connectable conductor cross-section for main contacts	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm somm 10 mm 0 mm somm 9 mm somm 10 mm somm 10 mm somm somm somm somm somm somm somm s
Installation/ mounting/ dimensions  mounting position  fastening method height width depth  required spacing	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm sorew-type terminals  1 10 mm², 2x (2.5 6 mm²) 2x (16 12), 2x (14 8)
Installation/ mounting/ dimensions  mounting position  fastening method height width depth required spacing	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm sorew-type terminals  1 10 mm², 2x (2.5 6 mm²) 2x (16 12), 2x (14 8)
Installation/ mounting/ dimensions  mounting position  fastening method height width depth  required spacing	vertical snap-on fastening on 35 mm standard rail 265 mm 90 mm 130 mm  10 mm 0 mm 30 mm 9 mm 10 mm 10 mm 0 mm 30 mm 9 mm 10 mm

60529

touch protection on the front according to IEC 60529

finger-safe, for vertical contact from the front

Certificates/ approvals

**General Product Approval** 

For use in hazardous locations **Declaration of Conformity** 

other

**Dangerous Good** 

Confirmation







Confirmation

<u>Transport Information</u>

## **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=3RA2220-1CB23-0BB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2220-1CB23-0BB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2220-1CB23-0BB4

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

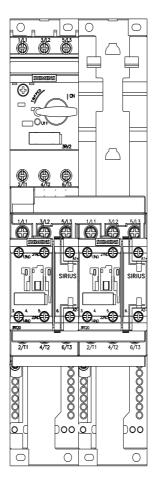
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2220-1CB23-0BB4&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2220-1CB23-0BB4/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2220-1CB23-0BB4&objecttype=14&gridview=view1



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