**Data sheet** 

## 3RA2220-0GB23-0AK6



Fuseless motor starter Reversing operation 600VAC Size S0 0.45-0.63A 110/120VAC 50/60HZ screw connection For 35 mm rail-mounting Type of coordination 2 IQ = 150 KA Also full fills type Of coordination 1 1NO+1NC (per contactor)

product brand name	SIRIUS		
product designation	non-fused motor starter 3RA2		
design of the product	reversing starter		
manufacturer's article number			
<ul> <li>of the supplied contactor</li> </ul>	3RT2023-1AK60		
<ul> <li>of the supplied circuit-breakers</li> </ul>	3RV2011-0GA10		
<ul> <li>of the supplied RH assembly kit</li> </ul>	3RA2923-1BB1		
<ul> <li>of the supplied busbar adapter</li> </ul>	3RA2922-1AA00		
<ul> <li>of the supplied link module</li> </ul>	3RA2921-1AA00		
<ul> <li>of the supplied standard mounting rail adapter</li> </ul>	3RA2922-1AA00		
General technical data			
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	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		
Substance Prohibitance (Date)	03/01/2017		
Ambient conditions			
ambient temperature			
<ul> <li>during operation</li> </ul>	-20 +60 °C		
<ul> <li>during storage</li> </ul>	-50 +80 °C		
<ul> <li>during transport</li> </ul>	-55 +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	0.45 0.63 A		
operating voltage			
• rated value	690 V		
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	0.6 A		
operating power at AC-3			
• at 400 V rated value	180 W		

out 500 V rated value     out 500 V rat	at 500 V rated value	1	100 V	M		
Control circuit Control  control supply voltage at AC  at 50 1z rade value  at 50 1z rade value  at 60 1z rade value  ocal  control circuit power factor with the holding power of the coil  coi			180 W			
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	General Product Approval				other	





## Confirmation

## **Further information**

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2220-0GB23-0AK6

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2220-0GB23-0AK6

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2220-0GB23-0AK6

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2220-0GB23-0AK6&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RA2220-0GB23-0AK6/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2220-0GB23-0AK6&objecttype=14&gridview=view1

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