







FUSELESS LOAD FEEDER REVERSING OPERATION, AC 400V, S0 13...20A,  
AC 110/120V 50/60HZ SCREW TERMINAL FOR BUSBAR SYSTEMS 60MM  
TYPE OF ASSIGNMENT 1,IQ = 150KA 1NO+1NC (CONTACTOR)

product brand name	SIRIUS
product designation	Reversing starter
design of the product	for 60 mm busbars
manufacturer's article number	
• of the supplied contactor	<a href="#">3RT2026-1AK60</a>
• of the supplied circuit-breakers	<a href="#">3RV2021-4BA10</a>
• of the supplied link module	<a href="#">3RA2921-1AA00</a>
<b>General technical data</b>	
size of the circuit-breaker	S0
size of load feeder	S0
product extension auxiliary switch	Yes
insulation voltage with degree of pollution 3 at AC rated value	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	1
Substance Prohibitance (Date)	05/01/2012
SVHC substance name	Lead - 7439-92-1
Weight	1.727 kg
<b>Ambient conditions</b>	
ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-50 ... +80 °C
• during transport	-50 ... +80 °C
<b>Main circuit</b>	
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	13 ... 20 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	15.5 A
operating power at AC-3	
• at 400 V rated value	7 500 W
<b>Control circuit/ Control</b>	
control supply voltage at AC	
• at 50 Hz rated value	110 V
• at 50 Hz rated value	88 ... 121 V

<ul style="list-style-type: none"><li>• at 60 Hz rated value</li><li>• at 60 Hz rated value</li></ul>	120 V 96 ... 132 V
apparent holding power of magnet coil at AC	9.8 VA
Protective and monitoring functions	
trip class	CLASS 10
design of the overload release	thermal (bimetallic)
Short-circuit protection	
product function short circuit protection	Yes
design of the short-circuit trip	magnetic
conditional short-circuit current (I <sub>q</sub> ) <ul style="list-style-type: none"><li>• at 400 V according to IEC 60947-4-1 rated value</li></ul>	150 000 A
Installation/ 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 <ul style="list-style-type: none"><li>• for grounded parts<ul style="list-style-type: none"><li>— forwards32 mm</li><li>— backwards0 mm</li><li>— upwards50 mm</li><li>— at the side10 mm</li><li>— downwards10 mm</li></ul></li><li>• for live parts<ul style="list-style-type: none"><li>— forwards32 mm</li><li>— backwards0 mm</li><li>— upwards50 mm</li><li>— downwards10 mm</li><li>— at the side10 mm</li></ul></li></ul>	
Connections/ Terminals	
type of electrical connection for main current circuit	screw-type terminals
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
Approvals Certificates	
<div><div>General Product Approval</div><div>For use in hazard-ous locations</div><div>Test Certificates</div></div> <div><div> EG-Konf.</div><div></div><div> UL</div><div></div><div> ATEX</div><div><a href="#">Type Test Certificates/Test Report</a></div></div>	
Test Certificates	
Marine / Shipping	
<div><div><a href="#">Special Test Certificate</a></div><div> ABS</div><div> BUREAU VERITAS</div><div> DNV</div><div> LRS</div><div> PRS</div></div>	
Marine / Shipping	
other	
Railway	
Environment	
<div><div> RINA</div><div> RMRS</div><div><a href="#">Confirmation</a></div><div><a href="#">Special Test Certificate</a></div><div><a href="#">Environmental Confirmations</a></div></div>	
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=3RA2220-4BD26-0AK6>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2220-4BD26-0AK6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2220-4BD26-0AK6>

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

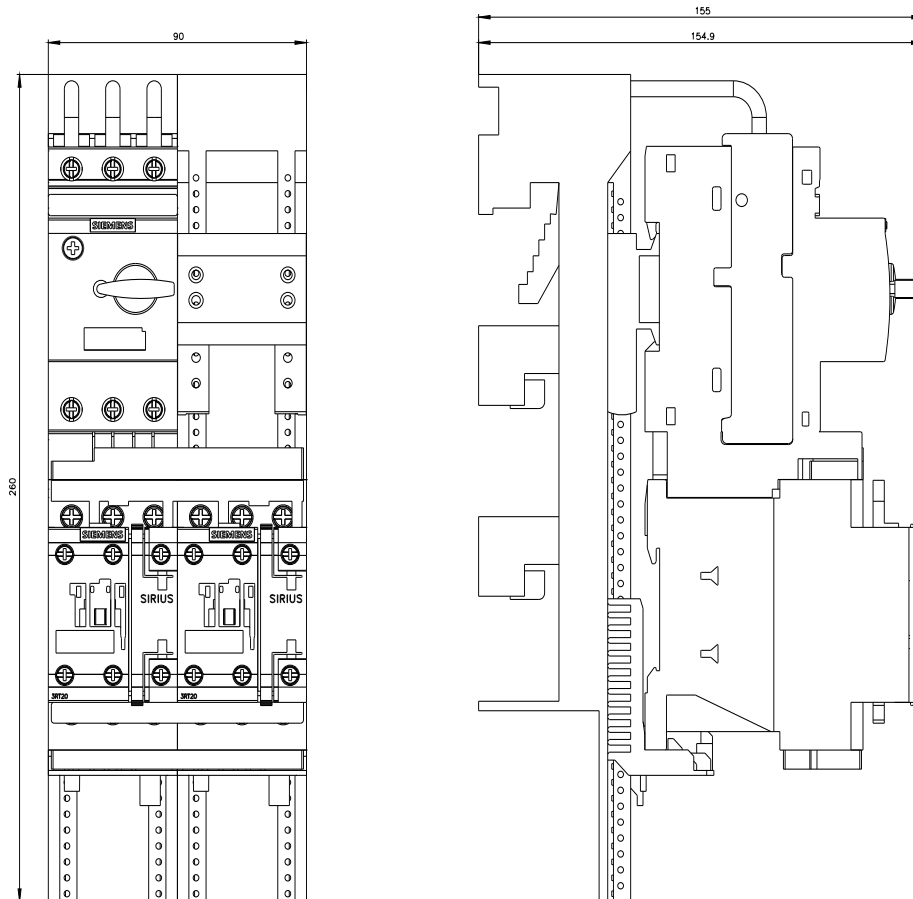
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA2220-4BD26-0AK6&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2220-4BD26-0AK6&lang=en)

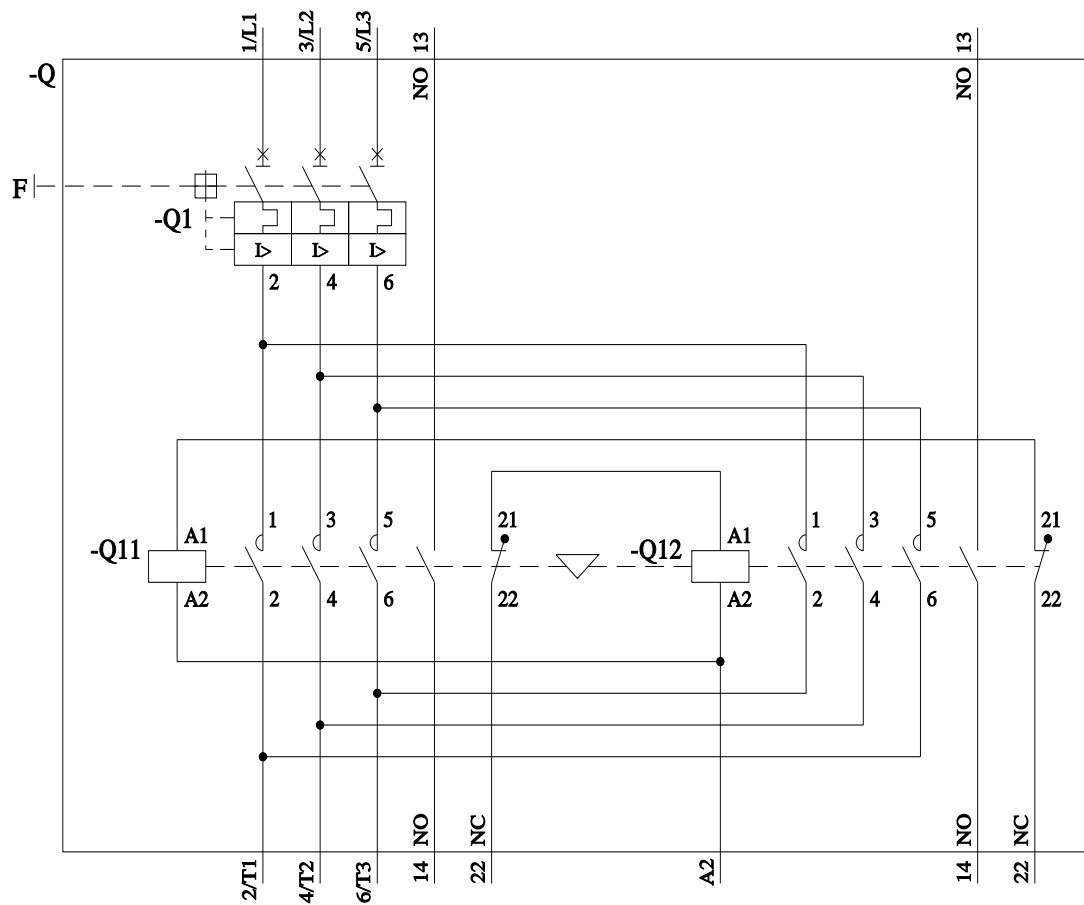
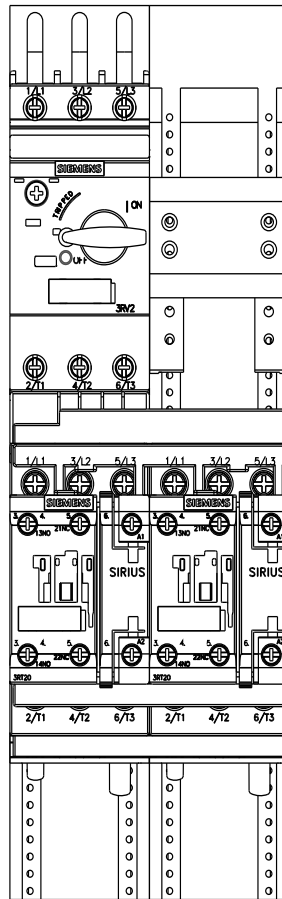
**Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current**

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2220-4BD26-0AK6/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA2220-4BD26-0AK6&objecttype=14&gridview=view1>





last modified:

3/11/2024

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Siemens:](#)

[3RA22204BD260AK6](#)