

Capacitor contactor, AC-6, 50 kVAr / 400 V, 230 V, 50 Hz, 3-pole,  
 Size S3 !!! Phased-out product !!! Successor is SIRIUS 3RT2  
 Preferred successor type is >>3RT2636-1AP03<<



### General technical data

<ul style="list-style-type: none"> <li>• <b>Protection class IP</b></li> </ul>	IP00
<ul style="list-style-type: none"> <li>• protection class IP on the front</li> </ul>	IP00; IP20 on the front with cover / box terminal
<ul style="list-style-type: none"> <li>• Protection class IP of the terminal</li> </ul>	IP00
<b>Reference code acc. to DIN EN 81346-2</b>	Q

### Ambient conditions

<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-25 ... +60 °C

### Main circuit

<b>Number of NO contacts for main contacts</b>	3
<b>Number of NC contacts for main contacts</b>	0
<b>Operating current</b>	
<ul style="list-style-type: none"> <li>• at AC-1 at 400 V</li> <li>— rated value</li> </ul>	90 A

### Control circuit/ Control

<b>type of voltage</b>	AC
<b>Control supply voltage at AC</b>	

• at 50 Hz rated value	230 ... 230 V
Supply voltage frequency for auxiliary and control current circuit rated value	50 ... 50 Hz

Auxiliary circuit	
Number of NC contacts for auxiliary contacts	0
Number of NO contacts for auxiliary contacts	1
Identification number and letter for switching elements	1

Installation/ mounting/ dimensions	
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
• Side-by-side mounting	Yes
Height	167 mm
Width	70 mm
Depth	183 mm

Connections/ Terminals	
• Type of electrical connection for main current circuit	screw-type terminals
• Type of electrical connection for auxiliary and control current circuit	screw-type terminals

### Certificates/ approvals

General Product Approval	EMC	Functional Safety/Safety of Machinery
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[Type Examination Certificate](#)

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Special Test Certificate](#)



other	Railway
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[Confirmation](#)

[Miscellaneous](#)

[Special Test Certificate](#)

## 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=3RT1647-1AP01>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1647-1AP01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RT1647-1AP01>

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

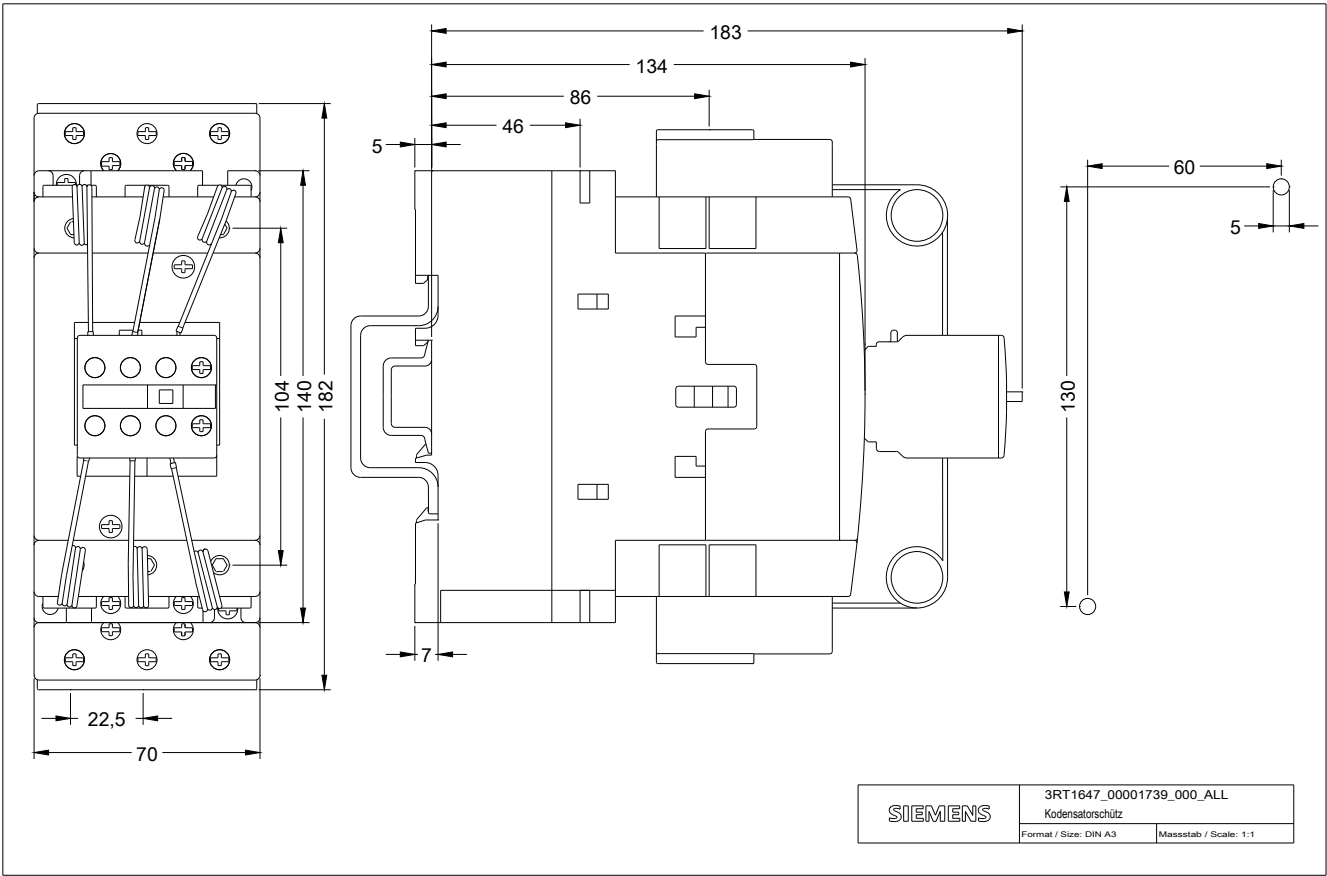
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT1647-1AP01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1647-1AP01&lang=en)

### Characteristic: Tripping characteristics, $I^2t$ , Let-through current

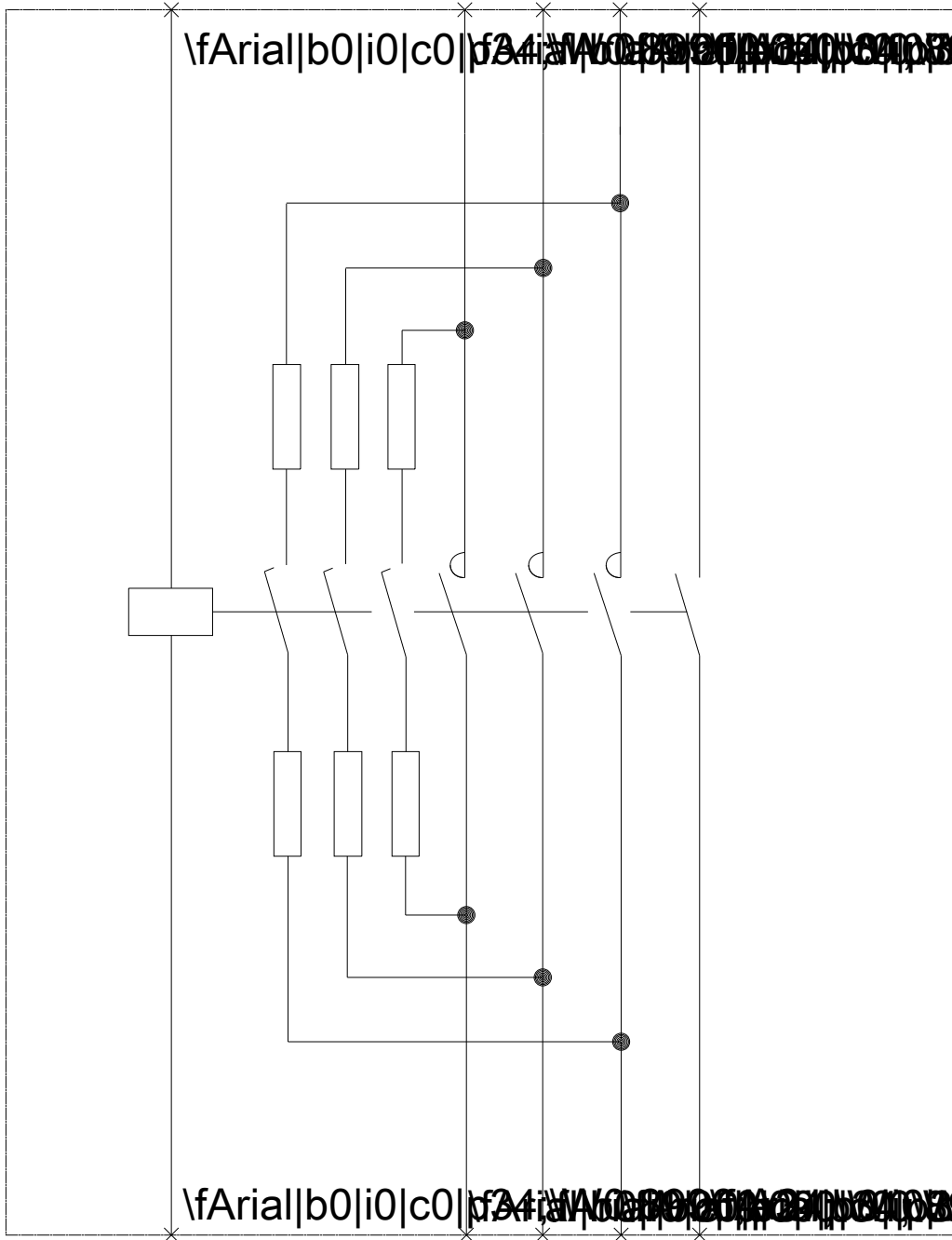
<https://support.industry.siemens.com/cs/ww/en/ps/3RT1647-1AP01/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1647-1AP01&objecttype=14&gridview=view1>



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08/13/2020