

Power relay, AC-3 8.4 A, 4 kW / 400 V 4 NO, 230 V AC, 45...450 Hz  
3 pole, screw terminal



Protection class IP	IP00
Reference code acc. to DIN EN 81346-2	K
Ambient temperature	
• during operation	-25 ... +55 °C
number of poles	4
Number of NO contacts for main contacts	3
Number of NC contacts for main contacts	0
type of voltage	AC
Operating current	
• at AC-1 at 400 V rated value	20 A
• at AC-3 at 400 V rated value	8.4 A
Operating power	
• at AC-3 at 400 V rated value	4 kW
Control supply voltage at AC	
• at 50 Hz rated value	230 ... 230 V
• at 60 Hz rated value	230 ... 230 V
Supply voltage frequency for auxiliary and control current circuit rated value	45 ... 450 Hz
Number of NC contacts for auxiliary contacts	0

<b>Number of NO contacts for auxiliary contacts</b>	1
Number of CO contacts for auxiliary contacts	0
<b>Mounting type</b>	screw and snap-on mounting onto 35 mm standard mounting rail
<ul style="list-style-type: none"> <li>• Side-by-side mounting</li> </ul>	Yes
<b>Height</b>	62 mm
<b>Width</b>	36 mm
<b>Depth</b>	60 mm
<b>Type of electrical connection</b>	
<ul style="list-style-type: none"> <li>• for main current circuit</li> <li>• for auxiliary and control current circuit</li> </ul>	screw-type terminals screw-type terminals

#### 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=3TG1010-0AL2>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TG1010-0AL2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TG1010-0AL2>

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

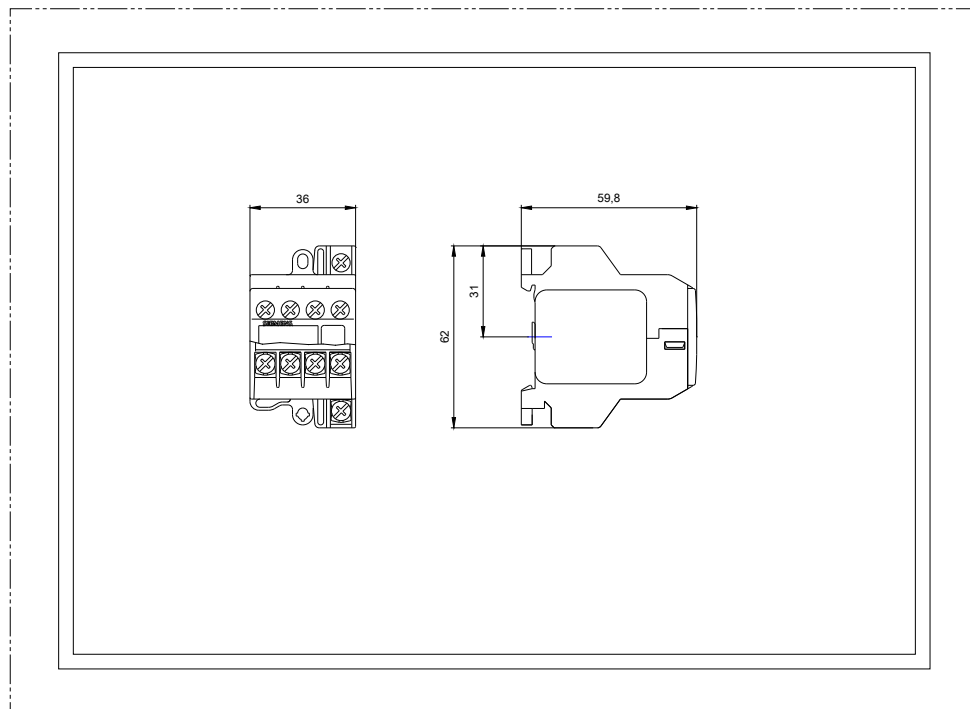
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TG1010-0AL2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TG1010-0AL2&lang=en)

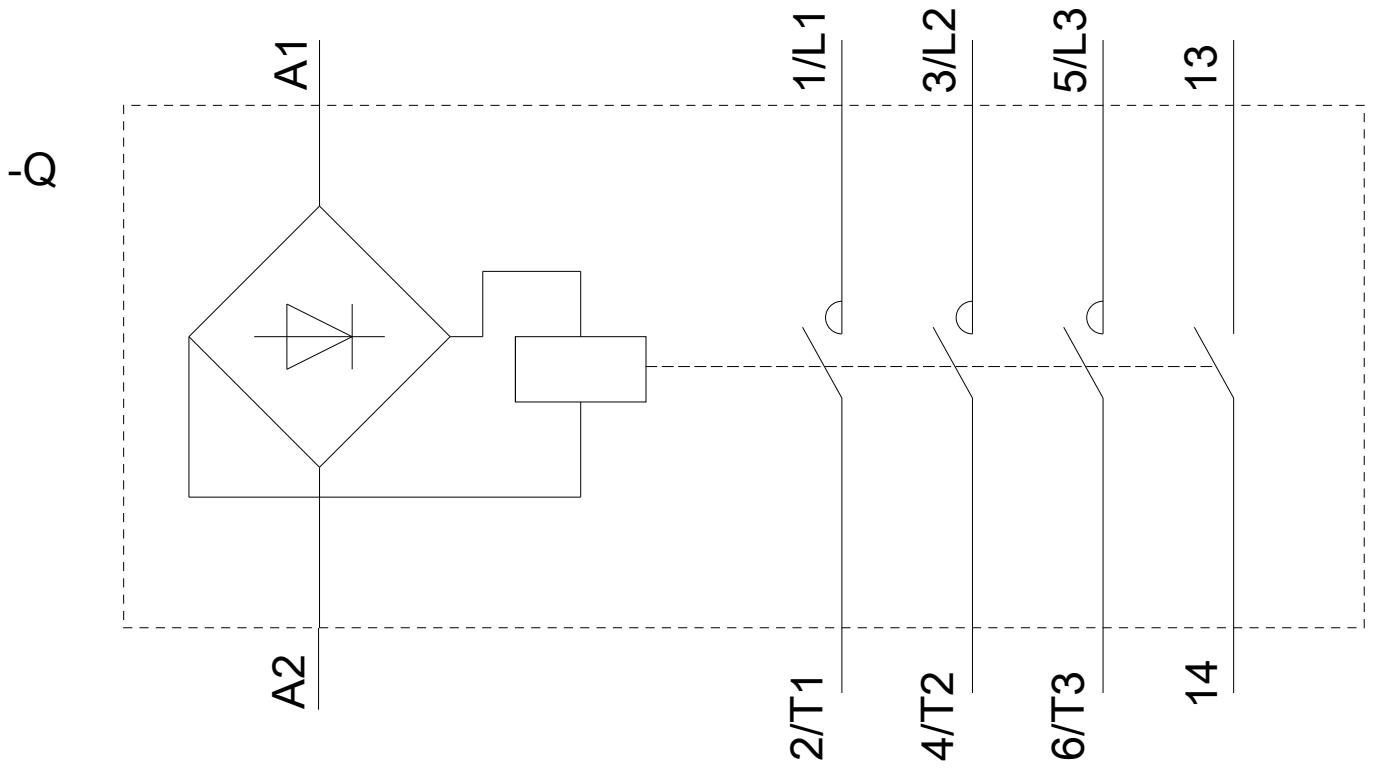
##### Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TG1010-0AL2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TG1010-0AL2&objecttype=14&gridview=view1>





last modified:

08/18/2020