



Figure similar

power relay, AC-3e/AC-3, 8.4 A, 4 kW / 400 V, 3-pole, 110 V AC, 45-450 Hz, auxiliary contacts: 1 NO, screw terminal

|                                                                        |                                                |
|------------------------------------------------------------------------|------------------------------------------------|
| consumed active power                                                  | 4 W                                            |
| reference code according to IEC 81346-2                                | K                                              |
| Substance Prohibitance (Date)                                          | 07/01/2006                                     |
| 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                                             |
| operational current                                                    |                                                |
| • at AC-1 at 400 V rated value                                         | 20 A                                           |
| • at AC-3 at 400 V rated value                                         | 8.4 A                                          |
| • at AC-3e at 400 V rated value                                        | 6.4 A                                          |
| operating power                                                        |                                                |
| • at AC-3 at 400 V rated value                                         | 4 kW                                           |
| • at AC-3e at 400 V rated value                                        | 3 W                                            |
| control supply voltage at AC                                           |                                                |
| • at 50 Hz rated value                                                 | 110 ... 110 V                                  |
| • at 60 Hz rated value                                                 | 110 ... 110 V                                  |
| supply voltage frequency for auxiliary and control circuit rated value | 45 ... 450 Hz                                  |
| number of NC contacts for auxiliary contacts                           | 0                                              |
| number of NO contacts for auxiliary contacts                           | 1                                              |
| number of CO contacts for auxiliary contacts                           | 0                                              |
| fastening method                                                       | screw and snap-on mounting onto 35 mm DIN rail |
| • side-by-side mounting                                                | Yes                                            |
| height                                                                 | 62 mm                                          |
| width                                                                  | 36 mm                                          |
| depth                                                                  | 60 mm                                          |
| type of electrical connection                                          |                                                |
| • for main current circuit                                             | screw-type terminals                           |
| • for auxiliary and control circuit                                    | screw-type terminals                           |
| Safety related data                                                    |                                                |
| protection class IP on the front according to IEC 60529                | IP00                                           |
| Certificates/ approvals                                                |                                                |
| General Product Approval                                               | Declaration of Conformity                      |



[Confirmation](#)



| Declaration of Conformity | Test Certificates | other |
|---------------------------|-------------------|-------|
|---------------------------|-------------------|-------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

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[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=3TG1010-0AG2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TG1010-0AG2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TG1010-0AG2>

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

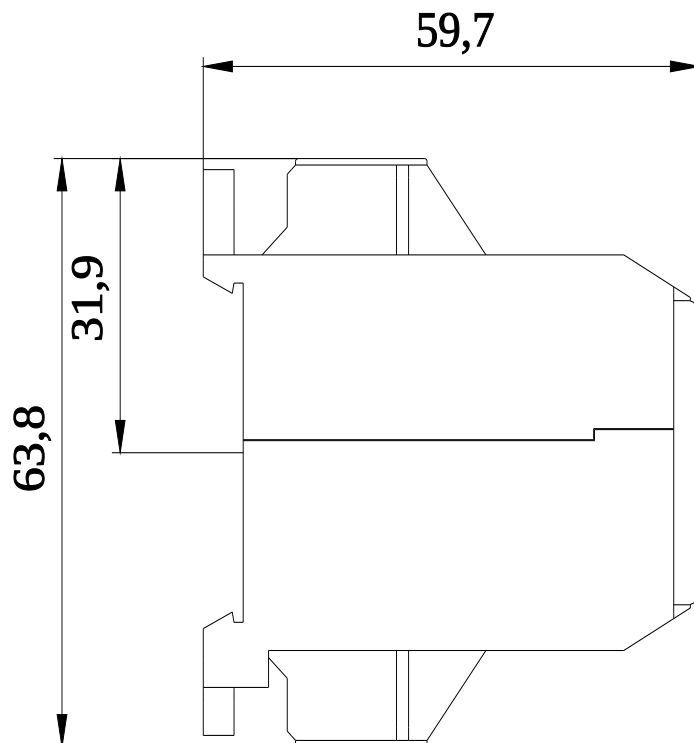
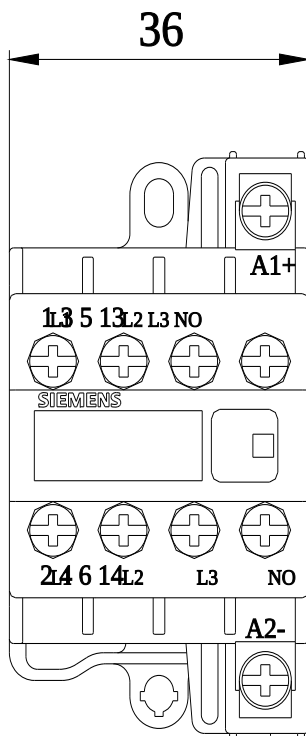
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TG1010-0AG2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TG1010-0AG2&lang=en)

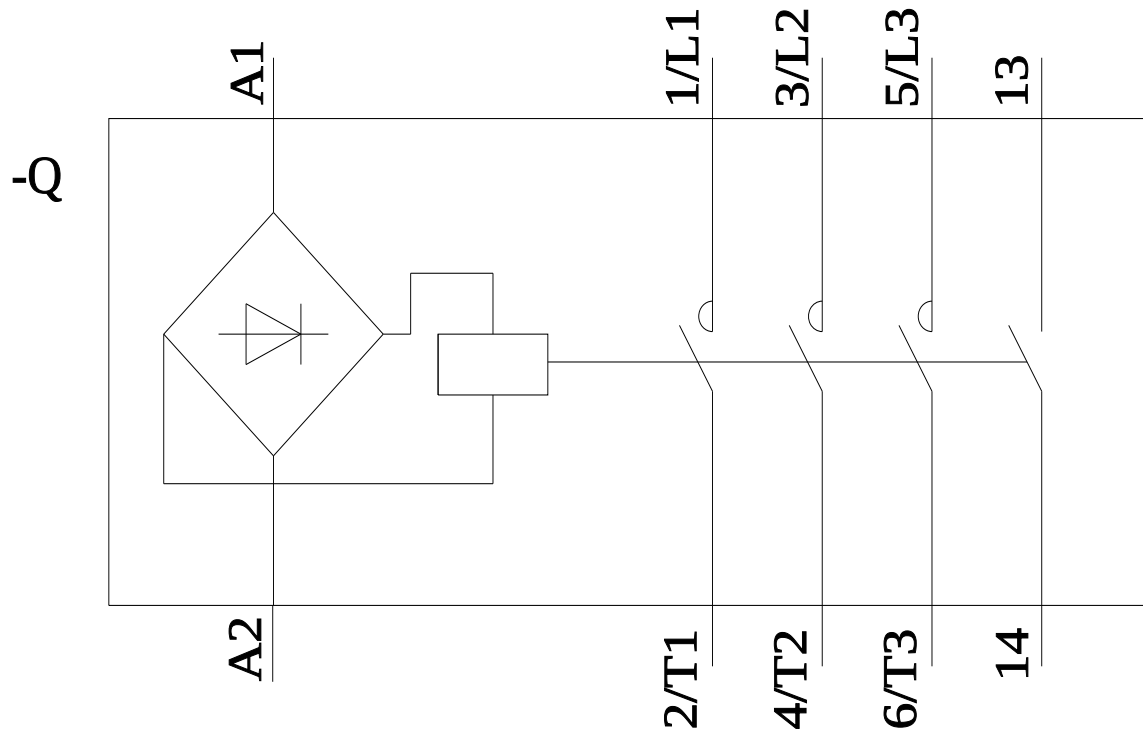
Characteristic: Tripping characteristics,  $I^2t$ , Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TG1010-0AG2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TG1010-0AG2&objecttype=14&gridview=view1>





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