

Power relay, AC-3 8.4 A, 4 kW / 400 V 3 NO+1 NC, 24 V AC,
45...450 Hz 3 pole, flat connector terminal 6.3 x 0.8mm



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	16 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	24 ... 24 V
• at 60 Hz rated value	24 ... 24 V
Supply voltage frequency for auxiliary and control current circuit rated value	45 ... 450 Hz
Number of NC contacts for auxiliary contacts	1

Number of NO contacts for auxiliary contacts	0
Number of CO contacts for auxiliary contacts	0
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail
• Side-by-side mounting	Yes
Height	62 mm
Width	36 mm
Depth	61 mm
Type of electrical connection	
• for main current circuit	tab terminals
• for auxiliary and control current circuit	tab 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=3TG1001-1AC2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TG1001-1AC2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TG1001-1AC2>

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

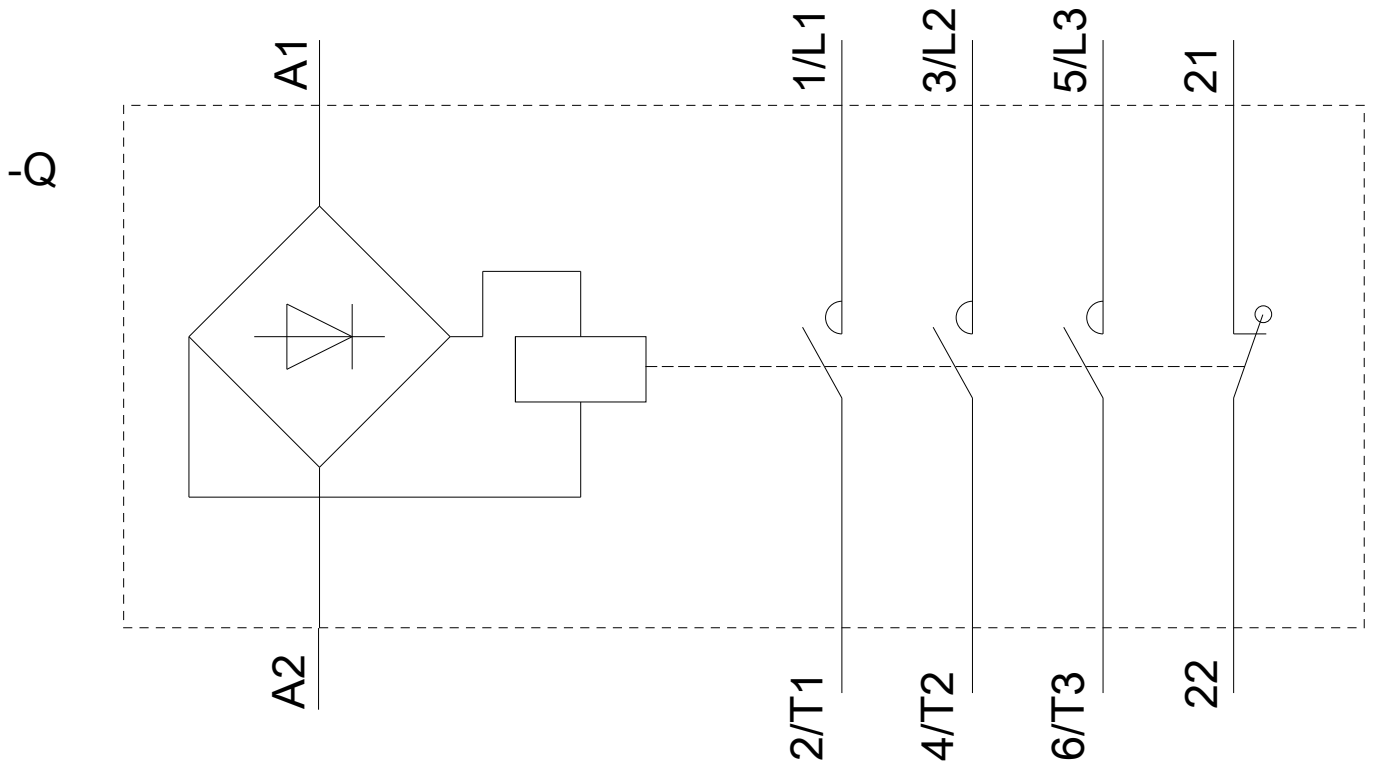
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TG1001-1AC2&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TG1001-1AC2/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TG1001-1AC2&objecttype=14&gridview=view1>



last modified:

08/13/2020