SIEMENS

Data sheet 3TG1010-1AC2

Power relay, AC-3 8.4 A, 4 kW / 400 V 4 NO, 24 V AC, 45...450 Hz 3 pole, flat connector terminal $6.3 \times 0.8 mm$



Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 Reference code acc. to DIN EN 81346-2 Reference code acc. to DIN EN 61346-2 K Rumber of poles Number of NO contacts for main contacts Number of NC contacts for main contacts Type of voltage Operating current • at AC-1 at 400 V rated value • at AC-3 at 400 V rated value • at BC-3 at 400 V r	Protection class IP	IP00
Reference code acc. to DIN EN 81346-2 Reference code acc. to DIN EN 61346-2 K Number of poles Number of NO contacts for main contacts Number of NC contacts for main contacts Type of voltage AC Operating current • at AC-1 at 400 V rated value • at AC-3 at 400 V rated value • at 50 Hz rated value • at 60 Hz rated value 24 24 V Supply voltage frequency for auxiliary and control current circuit rated value		К
Reference code acc. to DIN EN 61346-2 Number of poles Number of NO contacts for main contacts Number of NC contacts for main contacts 0 Type of voltage AC Operating current • at AC-1 at 400 V rated value • at AC-3 at 400 V rated value 4 kW Control supply voltage at AC • at 50 Hz rated value 24 24 V Supply voltage frequency for auxiliary and control current circuit rated value	according to IEC 204-2 acc. to IEC 750	
Number of poles Number of NO contacts for main contacts Number of NC contacts for main contacts Type of voltage AC Operating current • at AC-1 at 400 V rated value • at AC-3 at 400 V rated value • at 50 Hz rated value • at 60 Hz rated value 24 24 V Supply voltage frequency for auxiliary and control current circuit rated value	Reference code acc. to DIN EN 81346-2	К
Number of NO contacts for main contacts Number of NC contacts for main contacts Type of voltage AC Operating current • at AC-1 at 400 V rated value • 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 supply voltage frequency for auxiliary and control current circuit rated value	Reference code acc. to DIN EN 61346-2	К
Number of NC contacts for main contacts Type of voltage AC Operating current • at AC-1 at 400 V rated value • at AC-3 at 400 V rated value 24 kW Control supply voltage at AC • at 50 Hz rated value 24 24 V • at 60 Hz rated value Supply voltage frequency for auxiliary and control current circuit rated value	Number of poles	4
Type of voltage Operating current • at AC-1 at 400 V rated value • at AC-3 at 400 V rated value 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 Supply voltage frequency for auxiliary and control current circuit rated value	Number of NO contacts for main contacts	3
Operating current • at AC-1 at 400 V rated value • 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 Supply voltage frequency for auxiliary and control current circuit rated value	Number of NC contacts for main contacts	0
 at AC-1 at 400 V rated value 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 at 60 Hz rated value 24 24 V Supply voltage frequency for auxiliary and control current circuit rated value 45 450 Hz	Type of voltage	AC
at AC-3 at 400 V rated value 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 Supply voltage frequency for auxiliary and control current circuit rated value 45 450 Hz	Operating current	
Operating power • at AC-3 at 400 V rated value	• at AC-1 at 400 V rated value	16 A
 at AC-3 at 400 V rated value Control supply voltage at AC at 50 Hz rated value at 60 Hz rated value 24 24 V Supply voltage frequency for auxiliary and control current circuit rated value 4 kW 24 24 V 45 450 Hz 	• at AC-3 at 400 V rated value	8.4 A
Control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value Supply voltage frequency for auxiliary and control current circuit rated value 24 24 V 45 450 Hz	Operating power	
 at 50 Hz rated value at 60 Hz rated value 24 24 V 24 24 V Supply voltage frequency for auxiliary and control current circuit rated value 45 450 Hz 	 at AC-3 at 400 V rated value 	4 kW
● at 60 Hz rated value 24 24 V Supply voltage frequency for auxiliary and control current circuit rated value 45 450 Hz	Control supply voltage at AC	
Supply voltage frequency for auxiliary and control current circuit rated value 45 450 Hz	• at 50 Hz rated value	24 24 V
current circuit rated value	• at 60 Hz rated value	24 24 V
	Supply voltage frequency for auxiliary and control	45 450 Hz
Number of NC contacts for auxiliary contacts 0	current circuit rated value	
	Number of NC contacts for auxiliary contacts	0

Number of NO contacts for auxiliary contacts	1
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	60 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,...)

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TG1010-1AC2

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TG1010-1AC2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3TG1010-1AC2

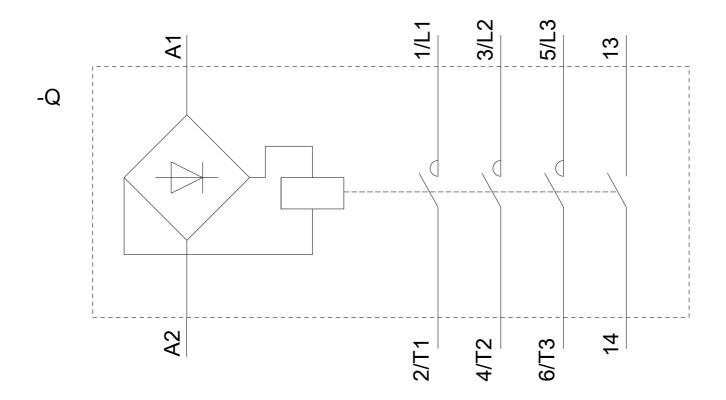
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TG1010-1AC2&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3TG1010-1AC2/char

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TG1010-1AC2&objecttype=14&gridview=view1



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