

Contactor, Size 2, 2-pole, DC-3 and 5, 32 A Auxiliary contacts 22 (2 NO + 2 NC) 110V AC 50Hz/132V AC 60Hz AC operation



Figure similar

Product designation	Contactor
Product type designation	3TC
General technical data	
Size of contactor	2
Protection class IP	IP00
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	K
Reference code acc. to DIN EN 81346-2	Q
Reference code acc. to DIN EN 61346-2	Q
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +55 °C
Main circuit	
Number of poles	2
Number of NO contacts for main contacts	2
Number of NC contacts for main contacts	0
Type of voltage	AC

Operating current	
• at DC-3 at DC-5 — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 750 V rated value	32 A 29 A 21 A 7.5 A
Operating power	
• at DC-3 at DC-5 — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 750 V rated value	2.5 kW 5 kW 9 kW 9 kW 4 kW
Control circuit/ Control	
Control supply voltage at AC	
• at 50 Hz rated value • at 60 Hz rated value	110 ... 110 V 132 ... 132 V
Auxiliary circuit	
Number of NC contacts for auxiliary contacts	2
Number of NO contacts for auxiliary contacts	2
Number of CO contacts	
• for auxiliary contacts	0
Identification number and letter for switching elements	22
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	85 mm
Width	70 mm
Depth	104 mm
Connections/Terminals	
Type of electrical connection	
• for main current circuit • for auxiliary and control current circuit	screw-type terminals screw-type terminals
Certificates/approvals	

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



UL



[Type Examination Certificate](#)



EG-Konf.

Test Certificates	Marine / Shipping	other
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[Special Test Certificate](#)



RMRS

[Miscellaneous](#)

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TC4417-0BF0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TC4417-0BF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TC4417-0BF0>

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

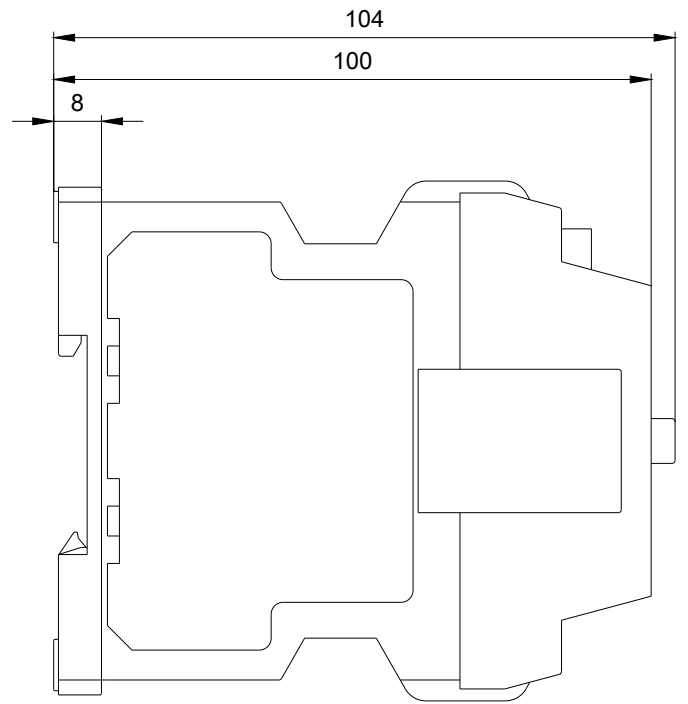
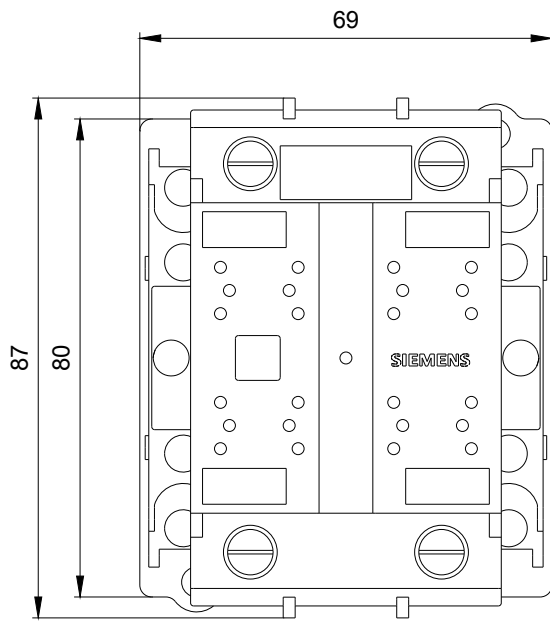
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TC4417-0BF0&lang=en

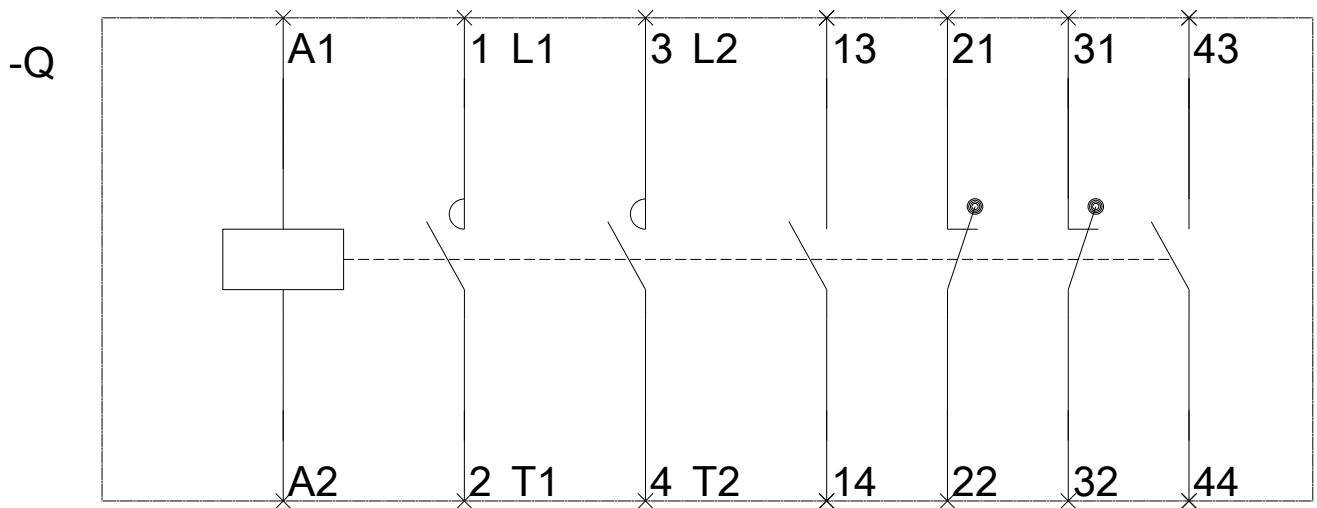
Characteristic: Tripping characteristics, I²t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3TC4417-0BF0/char>

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

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TC4417-0BF0&objecttype=14&gridview=view1>





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