SIEMENS

Data sheet 3TG10 10-1AC2



CONTACTOR TAB CONNECTOR, 4NO FOR SNAPPING ONTO STANDARD MOUNTING RAIL AC OPERATION AC 24V 45...450HZ

Figure similar

at AC-3 at 400 V Rated value at AC-1 at 400 V Rated value A 16 Type of voltage Supply voltage frequency for auxiliary and control current circuit Rated value minimum maximum Hz 45 maximum Control supply voltage with AC maximum V 24 maximum v 24 maximum v 24 minimum maximum V 24 maximum V 24 maximum V 24 momaximum V 24 Mumber of poles Number of NC contacts for main contacts for auxiliary contacts for auxiliary contacts for maximary contacts for maximum contacts for auxiliary contacts for maximum contacts for maximum contacts for auxiliary contacts for maximum contacts for auxiliary contacts for maximum contacts for auxiliary contacts for auxiliary contacts	General technical data:		
at AC-1 at 400 V Rated value Type of voltage Supply voltage frequency for auxiliary and control current circuit Rated value minimum maximum Hz ty ty ty ty ty ty ty ty ty t	Operating current		
Type of voltage Supply voltage frequency for auxiliary and control current circuit Rated value • minimum • maximum Control supply voltage • with AC — at 50 Hz Rated value — minimum — maximum V 24 — maximum V 24 — at 60 Hz Rated value — minimum V 24 — at 60 Hz Rated value — minimum V 24 — or at 60 Hz Rated value W 24 — maximum V 0 Operating power at AC-3 at 400 V Rated value Number of poles Number of NC contacts • for main contacts • for auxiliary contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts	at AC-3 at 400 V Rated value	Α	8.4
Supply voltage frequency for auxiliary and control current circuit Rated value • minimum • maximum Control supply voltage • with AC — at 50 Hz Rated value — minimum	● at AC-1 at 400 V Rated value	Α	16
current circuit Rated value minimum minimum maximum Hz 45 maximum Hz 450 Control supply voltage with AC — at 50 Hz Rated value — minimum	Type of voltage		AC
 maximum Mz 450 Control supply voltage with AC — at 50 Hz Rated value — minimum — maximum — at 60 Hz Rated value — minimum — minimum — maximum V 24 — maximum V 24 Operating power at AC-3 at 400 V Rated value kW 4 Number of NC contacts for main contacts for auxiliary contacts for main contacts 	Supply voltage frequency for auxiliary and control current circuit Rated value		
Control supply voltage with AC — at 50 Hz Rated value — minimum — maximum V 24 — at 60 Hz Rated value — minimum V 24 — maximum V 24 — maximum V 24 — maximum V 24 — maximum V 4 Operating power at AC-3 at 400 V Rated value Number of poles Number of NC contacts for main contacts for auxiliary contacts for main contacts	• minimum	Hz	45
● with AC — at 50 Hz Rated value — minimum V 24 — maximum — at 60 Hz Rated value — minimum — minimum V 24 — maximum V 24 Operating power at AC-3 at 400 V Rated value Number of poles Number of NC contacts ● for main contacts ● for auxiliary contacts ● for main contacts	● maximum	Hz	450
- at 50 Hz Rated value - minimum - minimum - v 24 - maximum - v 24 - at 60 Hz Rated value - minimum - v 24 - maximum - maximum - v 24	Control supply voltage		
— minimum V 24 — maximum V 24 — at 60 Hz Rated value V 24 — minimum V 24 — maximum V 24 Operating power at AC-3 at 400 V Rated value kW 4 Number of poles 4 Number of NC contacts 0 ● for main contacts 0 Number of NO contacts 0 Number of NO contacts 4	• with AC		
— maximum V 24 — at 60 Hz Rated value V 24 — minimum V 24 — maximum V 24 Operating power at AC-3 at 400 V Rated value kW 4 Number of poles 4 Number of NC contacts 0 ● for main contacts 0 Number of NO contacts 0 Number of NO contacts 4	— at 50 Hz Rated value		
- at 60 Hz Rated value - minimum V 24 - maximum V 24 Operating power at AC-3 at 400 V Rated value Number of poles Number of NC contacts • for main contacts • for auxiliary contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts	— minimum	V	24
- minimum - maximum V 24 Operating power at AC-3 at 400 V Rated value kW 4 Number of poles 4 Number of NC contacts • for main contacts • for auxiliary contacts • for main contacts • for main contacts • for main contacts 4	— maximum	V	24
— maximum V 24 Operating power at AC-3 at 400 V Rated value kW 4 Number of poles 4 Number of NC contacts • for main contacts • for auxiliary contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts • for main contacts	— at 60 Hz Rated value		
Operating power at AC-3 at 400 V Rated value	— minimum	V	24
Number of poles Number of NC contacts of for main contacts of for auxiliary contacts of for main contacts	— maximum	V	24
Number of NC contacts • for main contacts • for auxiliary contacts • for main contacts • for main contacts 4	Operating power at AC-3 at 400 V Rated value	kW	4
 for main contacts for auxiliary contacts Number of NO contacts for main contacts 	Number of poles		4
for auxiliary contacts Number of NO contacts for main contacts 4	Number of NC contacts		
Number of NO contacts • for main contacts 4	• for main contacts		0
• for main contacts 4	• for auxiliary contacts		0
	Number of NO contacts		
• for auxiliary contacts 0	• for main contacts		4
	 for auxiliary contacts 		0

Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		K
Protection class IP		IP00
Ambient temperature during operation	°C	5525

Mechanical data:		
Type of electrical connection		
• for main current circuit		tab terminals
 for auxiliary and control current circuit 		tab terminals
Mounting type Side-by-side mounting		Yes
Width	mm	36
Height	mm	62
Depth	mm	60

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates











Special Test Certificate

other

Declaration of Conformity

Further information

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

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

Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TG10101AC2

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

http://support.automation.siemens.com/WW/view/en/3TG10101AC2/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/index.aspx?attlD9=3TG10101AC2&lang=en

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