

CONTACTOR SIZE 12 2-POLE DC-3 AND 5, 400 A AUX.  
SWITCHES 22 (2NO+2NC) DIR. CURRENT ACTUATION DC 230 V



Figure similar

| General technical data:                                                             |                |
|-------------------------------------------------------------------------------------|----------------|
| Size of contactor                                                                   | 12             |
| Number of poles                                                                     | 2              |
| 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                                            | Q              |
| Protection class IP                                                                 | IP00           |
| Ambient temperature during operation                                                | -25 ... +55 °C |
| Control circuit/ Control:                                                           |                |
| Type of voltage                                                                     | DC             |
| Control supply voltage                                                              | 230 ... 230 V  |
| • at DC rated value                                                                 |                |
| Main circuit:                                                                       |                |
| Number of NO contacts for main contacts                                             | 2              |
| Number of NC contacts for main contacts                                             | 0              |
| Operating current                                                                   |                |
| • at DC-3 at DC-5                                                                   |                |

|                        |        |
|------------------------|--------|
| — at 440 V rated value | 400 A  |
| — at 220 V rated value | 400 A  |
| — at 600 V rated value | 400 A  |
| — at 750 V rated value | 400 A  |
| <b>Operating power</b> |        |
| • at DC-3 at DC-5      |        |
| — at 110 V rated value | 35 kW  |
| — at 220 V rated value | 70 kW  |
| — at 440 V rated value | 140 kW |
| — at 600 V rated value | 200 kW |
| — at 750 V rated value | 250 kW |

#### Auxiliary circuit:

|                                                         |    |
|---------------------------------------------------------|----|
| Identification number and letter for switching elements | 22 |
| Number of NO contacts for auxiliary contacts            | 2  |
| Number of NC contacts for auxiliary contacts            | 2  |
| Number of CO contacts for auxiliary contacts            | 0  |

#### Connections/ Terminals:

|                                                                         |                      |
|-------------------------------------------------------------------------|----------------------|
| Type of electrical connection for main current circuit                  | screw-type terminals |
| Type of electrical connection for auxiliary and control current circuit | screw-type terminals |

#### Mechanical data:

|                                     |              |
|-------------------------------------|--------------|
| Mounting type                       | screw fixing |
| Mounting type Side-by-side mounting | Yes          |
| Width                               | 160 mm       |
| Height                              | 278.5 mm     |
| Depth                               | 314 mm       |

#### Certificates/ approvals:

| General Product Approval | Functional Safety/Safety of Machinery | Declaration of Conformity |
|--------------------------|---------------------------------------|---------------------------|
|--------------------------|---------------------------------------|---------------------------|



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| Test Certificates | Shipping Approval | other |
|-------------------|-------------------|-------|
|-------------------|-------------------|-------|

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#### 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**

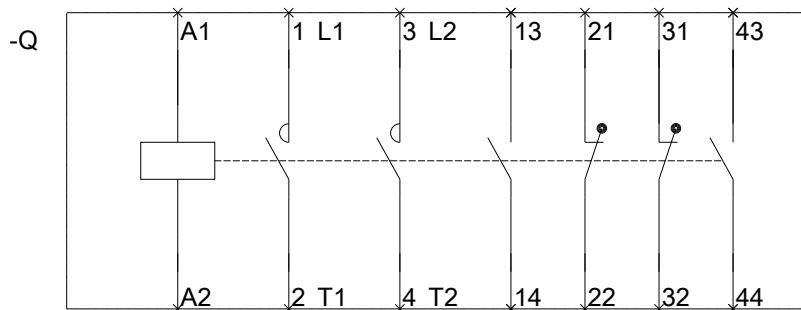
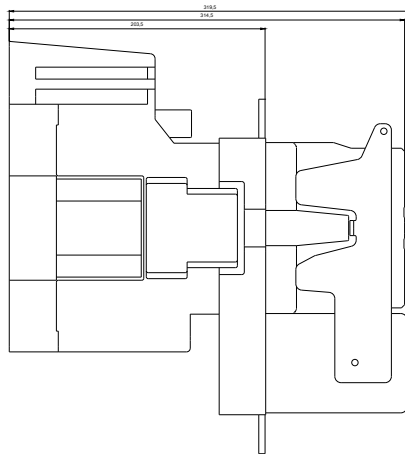
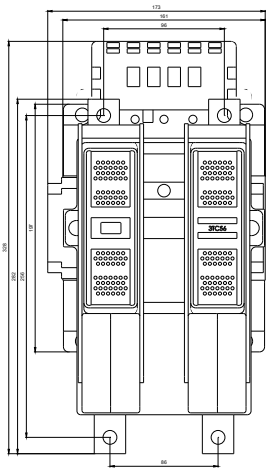
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TC56170AP4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TC56170AP4>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TC56170AP4&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TC56170AP4&lang=en)



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