



CONTACTOR, SIZE 6, 3-POLE AC-3, 55KW,  
400/380V AUXILIARY CONTACTS 22 (2NO+2NC) DC  
SOLENOID SYSTEM DC 24V

### General details:

|                                                                                                                                                                                         |        |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|
| Size of the contactor                                                                                                                                                                   |        | 6           |
| Protection class IP / on the front                                                                                                                                                      |        | IP00        |
| Ambient temperature <ul style="list-style-type: none"> <li>during operating</li> </ul>                                                                                                  | °C     | -25 ... +55 |
| Reference code <ul style="list-style-type: none"> <li>according to DIN 40719 extended according to IEC 204-2 / according to IEC 750</li> <li>according to DIN EN 61346-2</li> </ul>     | K<br>Q |             |
| Number of poles / for main current circuit                                                                                                                                              |        | 3           |
| Operating current / at AC-1 / at 400 V <ul style="list-style-type: none"> <li>at 40 °C ambient temperature / rated value</li> <li>at 60 °C ambient temperature / rated value</li> </ul> | A<br>A | 170<br>160  |
| Impulse voltage resistance / rated value                                                                                                                                                | kV     | 8           |

### Main circuit:

|                                                                                                  |    |     |
|--------------------------------------------------------------------------------------------------|----|-----|
| Number of NC contacts / for main contacts                                                        |    | 0   |
| Number of NO contacts / for main contacts                                                        |    | 3   |
| Operating current / at AC-3 / at 400 V / rated value                                             | A  | 110 |
| Service power <ul style="list-style-type: none"> <li>at AC-3 / at 400 V / rated value</li> </ul> | kW | 55  |

• at AC-1 / at 400 V / rated value

kW 105

#### Control circuit:

**Design of activation / of the operating mechanism**

conventional

**Voltage type / of control feed voltage**

DC

**Control supply voltage**

• for DC / rated value

V 24

#### Auxiliary circuit:

**Number of NC contacts / for auxiliary contacts**

• lagging switching

0

• instantaneous switching

2

**Number of NO contacts / for auxiliary contacts**

• leading switching

0

• instantaneous switching

2

#### Connection type:

**Design of the electrical connection**

• for main current circuit

screw-type terminals

• for auxiliary and control current circuit

screw-type terminals

**Identification number and letter for switching elements**

22

#### Mechanical design:

**Mounting type**

screw fixing

**Mounting type / series installation**

Yes

**Width**

mm 120

**Height**

mm 150

**Depth**

mm 198

#### Certificates/approvals:

**General Product Approval**

**Declaration of  
Conformity**

**Test Certificates**



[Special Test  
Certificate](#)

**other**

[Declaration of  
Conformity](#)

[other](#)

#### Further information:

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

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

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**Industry Mall (Online ordering system)**

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

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**Cax online generator:**

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3TB5017-0BB4/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3TB5017-0BB4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TB5017-0BB4)

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**last change:**

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