



CONTACTOR, SIZE 4,  
2-POLE DC-3 AND 5,RATD.OPERAT.CURR.75A  
AUXILIARY CONTACTS 22 (2NO+2NC) DC OPERATION  
DC 48V

### General details:

|                                                                                                |    |             |
|------------------------------------------------------------------------------------------------|----|-------------|
| Size of the contactor                                                                          |    | 4           |
| Number of poles                                                                                |    | 2           |
| Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 |    | K           |
| Reference code / according to DIN EN 61346-2                                                   |    | Q           |
| Protection class IP                                                                            |    | IP00        |
| Ambient temperature <ul style="list-style-type: none"> <li>during operating</li> </ul>         | °C | -25 ... +55 |

### Control circuit:

|                                                                                                                                                 |   |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---|----|
| Type of voltage                                                                                                                                 |   | DC |
| Control supply voltage <ul style="list-style-type: none"> <li>for DC / rated value / minimum</li> <li>for DC / rated value / maximum</li> </ul> | V | 48 |
|                                                                                                                                                 | V | 48 |

### Main circuit:

|                                                                                                                |   |    |
|----------------------------------------------------------------------------------------------------------------|---|----|
| Number of NO contacts / for main contacts                                                                      |   | 2  |
| Number of NC contacts / for main contacts                                                                      |   | 0  |
| Operating current <ul style="list-style-type: none"> <li>at DC-3 / at DC-5 / at 440 V / rated value</li> </ul> | A | 75 |

|                                              |    |     |
|----------------------------------------------|----|-----|
| • at DC-3 / at DC-5 / at 220 V / rated value | A  | 75  |
| • at DC-3 / at DC-5 / at 600 V / rated value | A  | 75  |
| • at DC-3 / at DC-5 / at 750 V / rated value | A  | 75  |
| <b>Service power</b>                         |    |     |
| • at DC-3 / at DC-5 / at 110 V / rated value | kW | 6.5 |
| • at DC-3 / at DC-5 / at 220 V / rated value | kW | 13  |
| • at DC-3 / at DC-5 / at 440 V / rated value | kW | 27  |
| • at DC-3 / at DC-5 / at 600 V / rated value | kW | 38  |
| • at DC-3 / at DC-5 / at 750 V / rated value | kW | 45  |

| 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 changeover contacts / for auxiliary contacts  |  | 0  |

| Connection type:                                                                |  |                      |
|---------------------------------------------------------------------------------|--|----------------------|
| Design of the electrical connection / for main current circuit                  |  | screw-type terminals |
| Design of the electrical connection / for auxiliary and control current circuit |  | screw-type terminals |

| Mechanical design:                  |    |              |
|-------------------------------------|----|--------------|
| Mounting type                       |    | screw fixing |
| Mounting type / series installation |    | Yes          |
| Width                               | mm | 100          |
| Height                              | mm | 177.5        |
| Depth                               | mm | 184          |

| Certificates/approvals:                                                                                                                                                                                                                                                                                                                                        |  |                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|
| General Product Approval                                                                                                                                                                                                                                                                                                                                       |  | Test Certificates                        |
|  CCC  CSA  EAC  UL |  | <a href="#">Special Test Certificate</a> |
|  RMRS                                                                                                                                                                                                                                                                     |  |                                          |
| other                                                                                                                                                                                                                                                                                                                                                          |  |                                          |
| <a href="#">Declaration of Conformity</a> <a href="#">other</a>                                                                                                                                                                                                                                                                                                |  |                                          |

| Further information:                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Information- and Downloadcenter (Catalogs, Brochures,...)</b><br><a href="http://www.siemens.com/industrial-controls/catalogs">http://www.siemens.com/industrial-controls/catalogs</a> |
| <b>Industry Mall (Online ordering system)</b><br><a href="http://www.siemens.com/industrial-controls/mall">http://www.siemens.com/industrial-controls/mall</a>                            |

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Cax online generator:

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

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

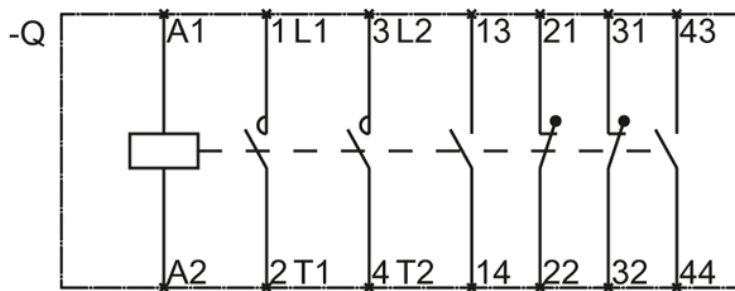
<http://support.automation.siemens.com/WW/view/en/3TC4817-0AW4/all>

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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=3TC4817-0AW4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TC4817-0AW4)

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last change:

Jul 7, 2014