



CONTACTOR, SIZE 2,  
2-POLE DC-3 AND 5,RATD.OPERAT.CURR.32A  
AUXILIARY CONTACTS 22 (2NO+2NC) AC OPERATION  
AC 230V 60HZ/AC 192V 50HZ

### General details:

|                                                                                                |    |             |
|------------------------------------------------------------------------------------------------|----|-------------|
| Size of the contactor                                                                          |    | 2           |
| 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                                                                            |    |             |
| • during operating                                                                             | °C | -25 ... +55 |

### Control circuit:

|                                            |   |     |
|--------------------------------------------|---|-----|
| Type of voltage                            |   | AC  |
| Control supply voltage                     |   |     |
| • at 50 Hz / at AC / rated value / minimum | V | 192 |
| • at 50 Hz / at AC / rated value / maximum | V | 192 |
| • at 60 Hz / at AC / rated value / minimum | V | 230 |
| • at 60 Hz / at AC / rated value / maximum | V | 230 |

### Main circuit:

|                                           |  |   |
|-------------------------------------------|--|---|
| Number of NO contacts / for main contacts |  | 2 |
| Number of NC contacts / for main contacts |  | 0 |

|                                              |    |     |
|----------------------------------------------|----|-----|
| <b>Operating current</b>                     |    |     |
| • at DC-3 / at DC-5 / at 440 V / rated value | A  | 29  |
| • at DC-3 / at DC-5 / at 220 V / rated value | A  | 32  |
| • at DC-3 / at DC-5 / at 600 V / rated value | A  | 21  |
| • at DC-3 / at DC-5 / at 750 V / rated value | A  | 7.5 |
| <b>Service power</b>                         |    |     |
| • at DC-3 / at DC-5 / at 110 V / rated value | kW | 2.5 |
| • at DC-3 / at DC-5 / at 220 V / rated value | kW | 5   |
| • at DC-3 / at DC-5 / at 440 V / rated value | kW | 9   |
| • at DC-3 / at DC-5 / at 600 V / rated value | kW | 9   |
| • at DC-3 / at DC-5 / at 750 V / rated value | kW | 4   |

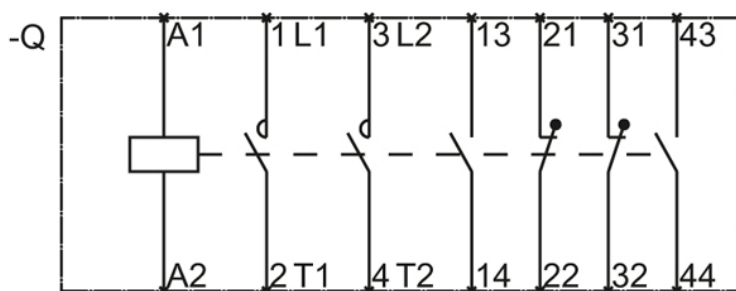
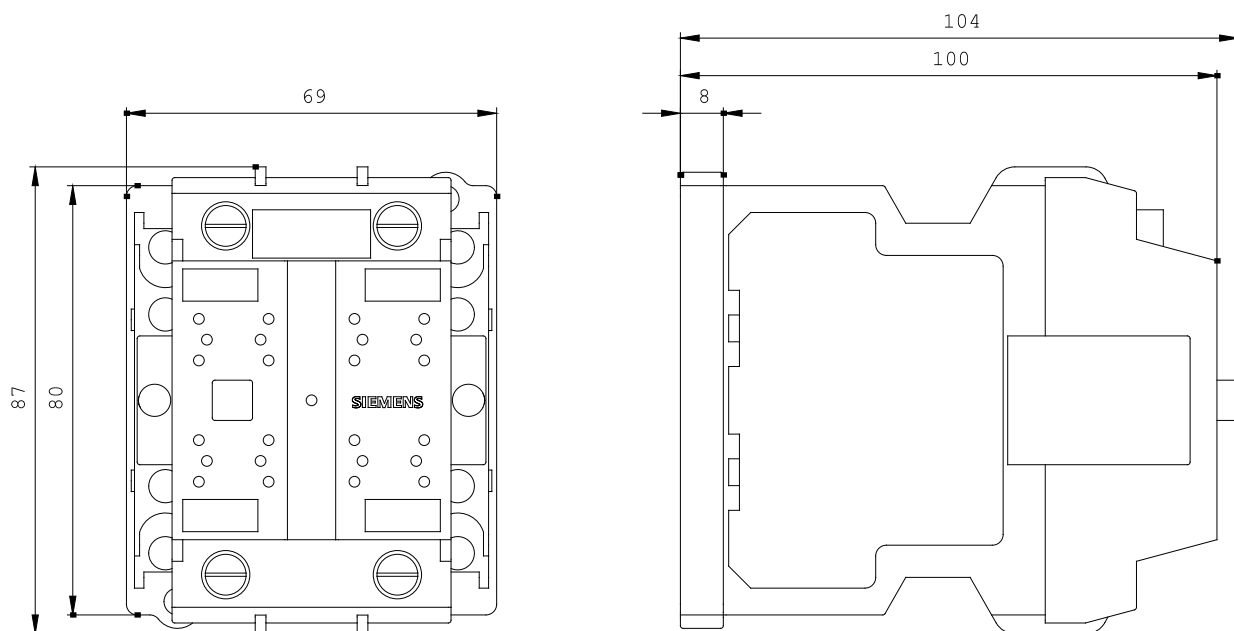
|                                                         |  |    |
|---------------------------------------------------------|--|----|
| <b>Auxiliary circuit:</b>                               |  |    |
| Identification number and letter for switching elements |  | 22 |
| Number of NO contacts / for auxiliary contacts          |  | 2  |
| Number of NC contacts / for auxiliary contacts          |  | 2  |
| Number of changeover contacts / for auxiliary contacts  |  | 0  |

|                                                                                 |  |                      |
|---------------------------------------------------------------------------------|--|----------------------|
| <b>Connection type:</b>                                                         |  |                      |
| 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 |

|                                     |    |                                                                                        |
|-------------------------------------|----|----------------------------------------------------------------------------------------|
| <b>Mechanical design:</b>           |    |                                                                                        |
| Mounting type                       |    | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| Mounting type / series installation |    | Yes                                                                                    |
| Width                               | mm | 70                                                                                     |
| Height                              | mm | 85                                                                                     |
| Depth                               | mm | 104                                                                                    |

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

|                                                                                                                                                                                           |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>Further information:</b>                                                                                                                                                               |  |  |
| <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> |  |  |



last change:

Aug 4, 2014