



CONTACTOR RELAY 31E EN 50 011 3NO+1NC,
 TAB CONNECTOR SNAP-ON MOUNTING ON STANDARD
 MOUNTING RAIL DC OPERATION DC SOLENOID
 SYSTEM DC 24V

| General details: | | |
|---|----|-------------|
| Size of the contactor | | 0 |
| Ambient temperature | | |
| • during operating | °C | -25 ... +55 |
| Protection class IP / on the front | | IP00 |
| Reference code | | |
| • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 | | K |
| • according to DIN EN 61346-2 | | K |
| • according to DIN EN 81346-2 | | K |
| Control circuit: | | |
| Voltage type / of control feed voltage | | DC |
| Control supply voltage | | |
| • for DC / rated value | V | 24 |
| Auxiliary circuit: | | |
| Operating current / at AC-15 | | |
| • at 230 V / rated value | A | 4 |
| • at 400 V / rated value | A | 3 |
| Identification number and letter for switching elements | | 31 E |

| | | |
|---|--|---|
| Number of NC contacts / for auxiliary contacts | | 1 |
| • lagging switching | | 0 |
| • delayed switching | | 0 |
| • asynchronous switching | | 0 |
| Number of NO contacts / for auxiliary contacts | | 3 |
| • leading switching | | 0 |
| • delayed switching | | 0 |
| • asynchronous switching | | 0 |
| Number of changeover contacts / for auxiliary contacts | | 0 |

Connection type:

Design of the electrical connection / for auxiliary and control current circuit

tab terminals 6.3 mm

Mechanical design:

Mounting type

screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022

Width

mm 45

Height

mm 48

Depth

mm 64.5

Certificates/approvals:

General Product Approval

Functional Safety / Safety of Machinery

Declaration of Conformity



[Type Examination](#)



Test Certificates

[other](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval

other



[Declaration of Conformity](#)

[Environmental Confirmations](#)

Safety:

B10 value / with high demand rate

- according to SN 31920
- note

400,000
With 0.3 x Ie

T1 value / for proof test interval or service life / according to IEC 61508

a 20

Further information:

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

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

Industry Mall (Online ordering system)

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

Cax online generator

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

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

<http://support.automation.siemens.com/WW/view/en/3TH2031-3BB4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH2031-3BB4

last change:

Jun 16, 2014