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## Data sheet 3TH42 44-0LF4

CONTACTOR RELAY 44E EN 50 011 FOR RAILWAY APPLICATIONS 4NO+4NC, SCREW TERMINAL SETTING RANGE 0.7 TO 1.25X US VARISTOR INCORPORATED DC SOLENOID SYSTEM DC 110V




Figure similar

| General technical data: | |
|---|---|
| **Size of contactor** | 0 |
| **Ambient temperature during operation** | -40 ... +70 °C |
| **Protection class IP on the front** | IP20 |
| **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** | K |
| **Equipment marking acc. to DIN EN 81346-2** | K |

| Control circuit/ Control: | |
|---|---|
| **Type of voltage of the control supply voltage** | DC |
| **Control supply voltage** | |
| • at DC | |
| — rated value | 110 V |

| Auxiliary circuit: | |
|---|---|
| **Operating current at AC-15** | |
| • at 230 V rated value | 10 A |
| • at 400 V rated value | 6 A |


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| | |
|---|---|
| **Identification number and letter for switching elements** | 44 E |
| **Number of NC contacts for auxiliary contacts** | 4 |
| • lagging switching | 0 |
| • delayed switching | 0 |
| • make-before-break switching | 0 |
| **Number of NO contacts for auxiliary contacts** | 4 |
| • delayed switching | 0 |
| • leading contact | 0 |
| • make-before-break switching | 0 |
| **Number of CO contacts for auxiliary contacts** | 0 |

## Connections/ Terminals:

| | |
|---|---|
| **Design of the surge suppressor** | with varistor |
| **Type of electrical connection for auxiliary and control current circuit** | screw-type terminals |

## Mechanical data:

| | |
|---|---|
| **Mounting type** | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 |
| **Width** | 45 mm |
| **Height** | 78 mm |
| **Depth** | 135 mm |

## Certificates/approvals

| General Product Approval | | | | Declaration of Conformity | Test Certificates |
|---|---|---|---|---|---|
| CCC | CSA | UL | | EG-Konf. | spezielle Prüfbescheinigungen |

| Test Certificates | | Shipping Approval | other | |
|---|---|---|---|---|
| Typprüfbescheinigung/Werkszeugnis | sonstig | RMRS | sonstig | Umweltbestätigung |

## Safety related data:

| | |
|---|---|
| **Protection against electrical shock** | finger-safe |
| B10 value with high demand rate acc. to SN 31920 | 1 000 000 |
| • Note | With 0.3 x Ie |


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| | |
|---|---|
| **T1 value for proof test interval or service life acc. to IEC 61508** | 20 y |

## Further information

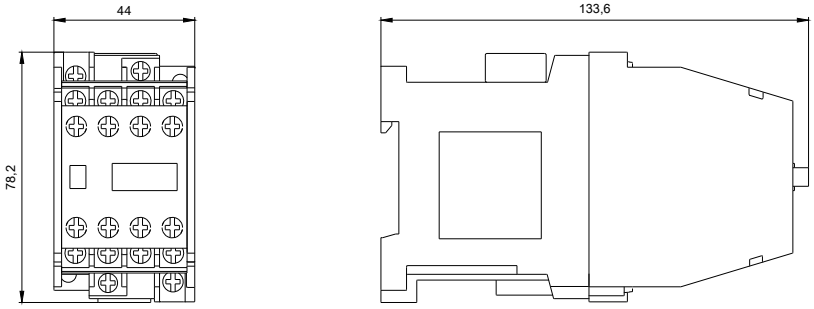
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