SIEMENS

Data sheet 3TH4364-5MB4

| Product designation Auxiliary contactor Product type designation 3TH4 Size of contactor 0 Protection class IP on the front IP20 Reference code acc. to DIN 40719 extended according to IEC 2042 acc. to IEC 750 K Reference code acc. to DIN EN 81348-2 K Reference code acc. to DIN EN 81346-2 K Ambient temperature during operation -25 +55 °C Type of voltage of the control supply voltage DC Control supply voltage at DC | | Contactor relay 64 E EN 50011 6NO+4NC, flat connector terminal Direct current operation 24 V DC |
|--|--|---|
| Size of contactor 0 Protection class IP on the front IP20 Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 Reference code acc. to DIN EN 81346-2 K Reference code acc. to DIN EN 81346-2 K Reference code acc. to DIN EN 81346-2 K Ambient temperature during operation 25 *55 °C Type of voltage of the control supply voltage DC • rated value 24 V Number of NC contacts for auxiliary contacts • delayed switching 0 alagging contact 0 alagging switching 0 alagging contact 0 alagging | Product designation | |
| Protection class IP on the front Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 760 Reference code acc. to DIN EN 81346-2 Reference code acc. to DIN 81 81346-2 Reference code acc. to SN 91920 To value for proof test interval or service life acc. to SN 91920 Page 12 20 81 81 81 81 81 81 81 81 81 81 81 81 81 | Product type designation | 3TH4 |
| Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 Reference code acc. to DIN EN 81346-2 Reference code acc. to DIN EN 81346-2 K Ambient temperature during operation Type of voltage of the control supply voltage Control supply voltage at DC • rated value Number of NC contacts for auxiliary contacts • delayed switching • lagging switching • make-before-break switching • leading contact • leading co | Size of contactor | 0 |
| according to IEC 204-2 acc. to IEC 750 Reference code acc. to DIN EN 81346-2 Reference code acc. to DIN 8146-814-814-814-814-814-814-814-814-814-814 | Protection class IP on the front | IP20 |
| Reference code acc. to DIN EN 81346-2 Reference code acc. to DIN EN 61346-2 Reference code acc. to DIN EN 6134-2 Reference code acc. to D | Reference code acc. to DIN 40719 extended | К |
| Reference code acc. to DIN EN 61346-2 K Ambient temperature during operation 7pe of voltage of the control supply voltage Control supply voltage at DC • rated value Number of NC contacts for auxiliary contacts • delayed switching • lagging switching • make-before-break switching • leading contact • delayed switching • leading contact • delayed switching • leading contact • make-before-break switching • leading contact • make-before-break switching • leading contact • and a switching • leading contact • make-before-break switching • leading contact • leading contact • make-before-break switching • leading contact • | according to IEC 204-2 acc. to IEC 750 | |
| Ambient temperature during operation Type of voltage of the control supply voltage Control supply voltage at DC • rated value Number of NC contacts for auxiliary contacts • delayed switching • lagging switching • make-before-break switching • leading contact • make-before-break switching Number of NO contacts for auxiliary contacts • delayed switching • leading contact • make-before-break switching Number of CO contacts for auxiliary contacts • delayed switching • leading contact • make-before-break switching Number of CO contacts for auxiliary contacts • To CO contacts for auxiliary contacts • make-before-break switching Number of CO contacts for auxiliary contacts • at 230 V rated value • at 400 V rated value • at 4 | Reference code acc. to DIN EN 81346-2 | К |
| Type of voltage of the control supply voltage Control supply voltage at DC • rated value Number of NC contacts for auxiliary contacts • delayed switching • lagging switching • make-before-break switching • leading contact or auxiliary contacts • delayed switching • leading contact • make-before-break switching Number of NO contacts for auxiliary contacts • delayed switching • leading contact • make-before-break switching Number of CO contacts for auxiliary contacts • delayed switching • leading contact • make-before-break switching • leading contact • leading | Reference code acc. to DIN EN 61346-2 | К |
| Control supply voltage at DC • rated value Number of NC contacts for auxillary contacts • delayed switching • lagging switching • make-before-break switching Number of NO contacts for auxiliary contacts • delayed switching • leading contact • delayed switching • leading contact • make-before-break switching • leading contact • make-before-break switching • leading contact • for auxiliary contacts • 0 Number of CO contacts for auxiliary contacts • 0 Number of CO contacts for auxiliary contacts • 0 Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value Height Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | Ambient temperature during operation | -25 +55 °C |
| ● rated value 24 V Number of NC contacts for auxiliary contacts 4 ● delayed switching 0 ● lagging switching 0 ● make-before-break switching 0 Number of NO contacts for auxiliary contacts 6 ● delayed switching 0 ● leading contact 0 ● make-before-break switching 0 Number of CO contacts for auxiliary contacts 0 Identification number and letter for switching elements 64 E Operating current at AC-15 at 230 V rated value 6 A ● at 230 V rated value 6 A Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit at b terminals 2x 2.8 mm B10 value with high demand rate acc. to SN 31920 1 000 000; With 0.3 x le T1 value for proof test interval or service life acc. to IEC 61508 | Type of voltage of the control supply voltage | DC |
| Number of NC contacts for auxiliary contacts • delayed switching • lagging switching • make-before-break switching Number of NO contacts for auxiliary contacts • delayed switching • leading contact • delayed switching • leading contact • make-before-break switching • leading contact • make-before-break switching • leading contact • make-before-break switching Number of CO contacts for auxiliary contacts Identification number and letter for switching elements Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 400 V rated value Number of CO contacts for auxiliary and control current circuit Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | Control supply voltage at DC | |
| delayed switching lagging switching make-before-break switching Number of NO contacts for auxiliary contacts delayed switching leading contact make-before-break switching leading contact make-before-break switching Number of CO contacts for auxiliary contacts Identification number and letter for switching elements at 230 V rated value at 400 V rated value at 400 V rated value at 400 V rated value fo A screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit at b terminals 2x 2.8 mm T1 value for proof test interval or service life acc. to IEC 61508 | • rated value | 24 V |
| I lagging switching make-before-break switching Number of NO contacts for auxiliary contacts delayed switching leading contact make-before-break switching leading contact make-before-break switching leading contact make-before-break switching lo Number of CO contacts for auxiliary contacts ldentification number and letter for switching elements Operating current at AC-15 at 230 V rated value at 400 V rated value for A Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Vidth 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | Number of NC contacts for auxiliary contacts | 4 |
| make-before-break switching Mumber of NO contacts for auxiliary contacts delayed switching leading contact make-before-break switching Number of CO contacts for auxiliary contacts ldentification number and letter for switching elements Operating current at AC-15 at 230 V rated value at 400 V rated value at 400 V rated value at 400 V rated value screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height Width S5 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | delayed switching | 0 |
| Number of NO contacts for auxiliary contacts | lagging switching | 0 |
| delayed switching leading contact make-before-break switching Number of CO contacts for auxiliary contacts Identification number and letter for switching elements Operating current at AC-15 at 230 V rated value at 400 V rated value at 400 V rated value Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | make-before-break switching | 0 |
| leading contact make-before-break switching Number of CO contacts for auxiliary contacts Identification number and letter for switching elements Operating current at AC-15 at 230 V rated value at 400 V rated value at 400 V rated value Mounting type Screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | Number of NO contacts for auxiliary contacts | 6 |
| make-before-break switching Number of CO contacts for auxiliary contacts Identification number and letter for switching elements Operating current at AC-15 at 230 V rated value at 400 V rated value Amounting type Screw and snap-on mounting onto 35 mm standard mounting rall according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | delayed switching | 0 |
| Number of CO contacts for auxiliary contacts Identification number and letter for switching elements Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 400 V rated value Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | leading contact | 0 |
| Identification number and letter for switching elements 64 E Operating current at AC-15 at 230 V rated value at 400 V rated value 6 A 6 A Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit tab terminals 2x 2.8 mm B10 value with high demand rate acc. to SN 31920 1 000 000; With 0.3 x le T1 value for proof test interval or service life acc. to IEC 61508 20 y | make-before-break switching | 0 |
| elements Operating current at AC-15 at 230 V rated value at 400 V rated value 6 A Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit tab terminals 2x 2.8 mm B10 value with high demand rate acc. to SN 31920 1 000 000; With 0.3 x le T1 value for proof test interval or service life acc. to IEC 61508 20 y | Number of CO contacts for auxiliary contacts | 0 |
| Operating current at AC-15 • at 230 V rated value • at 400 V rated value 6 A Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 | Identification number and letter for switching | 64 E |
| at 230 V rated value at 400 V rated value 6 A Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 1 000 000; With 0.3 x le 20 y | elements | |
| ● at 400 V rated value Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Width 55 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 6 A Screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 table No. 1000 000 table terminals 2x 2.8 mm according to DIN EN 50022 T1 value for proof test interval or service life acc. to IEC 61508 | Operating current at AC-15 | |
| Mounting type screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 Height 78 mm Vidth 55 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 1 000 000 1 35 mm tab terminals 2x 2.8 mm 20 y | • at 230 V rated value | 10 A |
| Height 78 mm Width 55 mm Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 1 000 000; With 0.3 x le T1 value for proof test interval or service life acc. to IEC 61508 | • at 400 V rated value | 6 A |
| Width Depth 135 mm Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 135 mm tab terminals 2x 2.8 mm 1 000 000; With 0.3 x le 20 y | Mounting type | |
| Depth Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 135 mm tab terminals 2x 2.8 mm 1 000 000; With 0.3 x le 20 y | Height | 78 mm |
| Type of electrical connection for auxiliary and control current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 tab terminals 2x 2.8 mm 1 000 000; With 0.3 x le 20 y | Width | 55 mm |
| current circuit B10 value with high demand rate acc. to SN 31920 T1 value for proof test interval or service life acc. to IEC 61508 1 000 000; With 0.3 x le 20 y | Depth | 135 mm |
| T1 value for proof test interval or service life acc. to IEC 61508 | | tab terminals 2x 2.8 mm |
| IEC 61508 | B10 value with high demand rate acc. to SN 31920 | 1 000 000; With 0.3 x le |
| Protection against electrical shock finger-safe | • | 20 y |
| | Protection against electrical shock | finger-safe |

Further information

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

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TH4364-5MB4

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4364-5MB4

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

https://support.industry.siemens.com/cs/ww/en/ps/3TH4364-5MB4

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4364-5MB4&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3TH4364-5MB4/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH4364-5MB4&objecttype=14&gridview=view1

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