SIEMENS

Data sheet 3TC4817-0BF0



Contactor, Size 4, 2-pole, DC-3 and 5, 75 A Auxiliary switch 22 (2 NO + 2 NC) 110V AC 50Hz/132V AC 60Hz AC operation

| product designation | Contactor |
|--|------------------------|
| product type designation | 3TC |
| General technical data | |
| size of contactor | 4 |
| product extension | |
| function module for communication | No |
| auxiliary switch | Yes |
| insulation voltage rated value | 800 V |
| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 | 300 V |
| shock resistance at rectangular impulse | |
| • at AC | 10g / 5 ms, 5g / 10 ms |
| mechanical service life (operating cycles) | |
| of contactor typical | 10 000 000 |
| of the contactor with added auxiliary switch block typical | 10 000 000 |
| reference code according to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 03/01/2017 |
| SVHC substance name | Lead - 7439-92-1 |
| Weight | 3.3 kg |
| Ambient conditions | |
| ambient temperature | |
| during operation | -25 +55 °C |
| during storage | -50 +80 °C |
| relative humidity minimum | 10 % |
| relative humidity at 55 °C according to IEC 60068-2-30 maximum | 95 % |
| Main circuit | |
| number of poles | 2 |
| number of poles for main current circuit | 2 |
| number of NO contacts for main contacts | 2 |
| number of NC contacts for main contacts | 0 |
| type of voltage | DC |
| operational current | |
| • at 1 current path at DC-1 | |
| — at 24 V rated value | 75 A |
| — at 110 V rated value | 75 A |
| — at 220 V rated value | 75 A |
| with 2 current paths in series at DC-1 | |
| — at 24 V rated value | 75 A |
| — at 110 V rated value | 75 A |
| — at 220 V rated value | 75 A |

| — at 440 V rated value | 75 A |
|--|--|
| — at 600 V rated value | 75 A |
| — at 750 V rated value | 75 A |
| • at 1 current path at DC-3 at DC-5 | |
| — at 24 V rated value | 75 A |
| — at 110 V rated value | 75 A |
| — at 220 V rated value | 75 A |
| with 2 current paths in series at DC-3 at DC-5 | |
| — at 24 V rated value | 75 A |
| — at 110 V rated value | 75 A |
| | |
| — at 220 V rated value | 75 A |
| — at 440 V rated value | 75 A |
| — at 600 V rated value | 75 A |
| — at 750 V rated value | 75 A |
| operating power | |
| • at DC-1 | |
| — at 110 V rated value | 8.2 kW |
| — at 220 V rated value | 16.5 kW |
| — at 440 V rated value | 33 kW |
| — at 750 V rated value | 56 kW |
| • at DC-3 at DC-5 | |
| — at 110 V rated value | 6.5 kW |
| — at 220 V rated value | 13 kW |
| — at 440 V rated value | 27 kW |
| — at 600 V rated value | 38 kW |
| — at 750 V rated value | 45 kW |
| operating frequency | 10 1111 |
| • at DC-1 maximum | 1 000 1/h |
| • at DC-3 maximum | 600 1/h |
| • at DC-5 maximum | 600 1/h |
| Control circuit/ Control | 800 1/11 |
| | |
| | 40 |
| type of voltage of the control supply voltage | AC |
| type of voltage of the control supply voltage control supply voltage at AC | |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value | 110 V |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value | |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of | 110 V |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC | 110 V 132 V |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz | 110 V 132 V 0.8 1.1 |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC | 110 V 132 V 0.8 1.1 300 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.5 0.45 26 VA 26 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.5 0.45 26 VA 26 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 26 VA 26 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 26 VA 35 VA |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 26 VA 35 VA 0.24 |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 26 VA 35 VA 0.24 0.24 |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz • at 60 Hz arcing time Auxiliary circuit | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA 0.24 0.24 0.26 20 30 ms |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz arcing time Auxiliary circuit number of NC contacts for auxiliary contacts | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 26 VA 0.24 0.24 0.24 0.26 20 30 ms |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA 0.24 0.24 0.26 20 30 ms |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA 0.24 0.24 0.26 20 30 ms |
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value • at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA 0.24 0.24 0.26 20 30 ms |
| type of voltage of the control supply voltage control supply voltage at AC at 50 Hz rated value at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with clo | 110 V 132 V 0.8 1.1 300 VA 300 VA 305 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA 0.24 0.24 0.24 0.26 20 30 ms |
| type of voltage of the control supply voltage control supply voltage at AC at 50 Hz rated value at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil at 60 Hz inductive power factor with the holding power of the coil at 60 Hz inductive power factor with the holding power of the coil at 60 Hz inductive power factor with the holding power of the coil at 60 Hz inductive power factor with closing power of the coil at 60 Hz | 110 V 132 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA 0.24 0.24 0.26 20 30 ms |
| type of voltage of the control supply voltage control supply voltage at AC at 50 Hz rated value at 60 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz apparent holding power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 Hz inductive power factor with the holding power of the coil at 50 Hz inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with the holding power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with closing power of the coil inductive power factor with clo | 110 V 132 V 0.8 1.1 300 VA 300 VA 305 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA 0.24 0.24 0.24 0.26 20 30 ms |

| at 400 V rated value | 3.6 A |
|--|--|
| at 500 V rated value | 2.5 A |
| operational current at DC-12 | |
| at 24 V rated value | 10 A |
| at 48 V rated value | 10 A |
| at 60 V rated value | 10 A |
| at 110 V rated value | 3.2 A |
| at 125 V rated value | 2.5 A |
| at 220 V rated value | 0.9 A |
| at 600 V rated value | 0.22 A |
| operational current at DC-13 | |
| at 24 V rated value | 10 A |
| at 48 V rated value | 5 A |
| at 60 V rated value | 5 A |
| at 110 V rated value | 1.14 A |
| at 125 V rated value | 0.98 A |
| at 220 V rated value | 0.48 A |
| at 600 V rated value | 0.07 A |
| UL/CSA ratings | 0.0171 |
| contact rating of auxiliary contacts according to UL | A600 / P600 |
| | A000 / F000 |
| Short-circuit protection | |
| design of the fuse link | |
| for short-circuit protection of the main circuit | |
| — with type of coordination 1 required | 2 x 3NA31 (160 A) in series (750 V, 5 kA) |
| — with type of assignment 2 required | 2 x 3NA31 (63 A) in series (750 V, 5 kA) |
| for short-circuit protection of the auxiliary switch required | gG: 16 A (500 V, 1 kA) |
| Installation/ mounting/ dimensions | |
| mounting position | +/-22,5° rotation possible on vertical mounting surface; can be tilted forward |
| factoria a mother d | and backward by +/- 22.5° on vertical mounting surface |
| fastening method | screw fixing |
| height | 177.5 mm |
| width | 100 mm |
| depth | 156 mm |
| | |
| required spacing | |
| with side-by-side mounting | |
| | 20 mm |
| with side-by-side mounting | 20 mm 0 mm |
| with side-by-side mounting — forwards | |
| with side-by-side mountingforwardsbackwards | 0 mm |
| with side-by-side mounting— forwards— backwards— upwards | 0 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards | 0 mm 10 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side | 0 mm 10 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side for grounded parts | 0 mm 10 mm 10 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side for grounded parts forwards | 0 mm 10 mm 10 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side for grounded parts forwards backwards | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side for grounded parts forwards backwards upwards | 0 mm 10 mm 10 mm 10 mm 0 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side for grounded parts forwards backwards upwards at the side | 0 mm 10 mm 10 mm 10 mm 0 mm 0 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side for grounded parts forwards backwards upwards at the side downwards downwards downwards downwards | 0 mm 10 mm 10 mm 10 mm 0 mm 0 mm 10 mm |
| with side-by-side mounting forwards backwards upwards downwards at the side for grounded parts forwards backwards upwards at the side for downwards for live parts | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm 10 mm 10 mm |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm 10 mm 10 mm 10 mm |
| with side-by-side mounting | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm 10 mm 10 mm 10 mm 0 mm |
| with side-by-side mounting | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm |
| with side-by-side mounting | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — downwards — forwards — backwards — backwards — upwards — at the side Connections/ Terminals | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — downwards — backwards — upwards — at the side — downwards — at the side — connections/ Terminals type of electrical connection | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — torwards — backwards — upwards — at the side — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — downwards • for live parts — forwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm screw terminal screw-type terminals screw-type terminals |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards — at the side — downwards — for live parts — forwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts — solid or stranded | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm strew terminal screw-type terminals screw-type terminals |
| with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — backwards — upwards — a wards — backwards — upwards — at the side — downwards — at the side Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for auxiliary contacts | 0 mm 10 mm 10 mm 10 mm 55 mm 0 mm 10 mm screw terminal screw-type terminals screw-type terminals |

| product function mirror contact according to IEC 60947-4-1 | Yes |
|--|---|
| Electrical Safety | |
| protection class IP on the front according to IEC 60529 | IP00; IP20 with box terminal/cover |
| touch protection on the front according to IEC 60529 | finger-safe, for vertical contact from the front with cover |
| Approvals Certificates | |

General Product Approval









Confirmation



General Product Approval

Functional Saftey

Test Certificates



tificate

Type Examination Certificate

Special Test Certific-<u>ate</u>

Miscellaneous

Type Test Certificates/Test Report

other

Dangerous goods

Environment

Confirmation

Transport Information

Environmental Confirmations

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TC4817-0BF0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TC4817-0BF0

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

https://support.industry.siemens.com/cs/ww/en/ps/3TC4817-0BF0

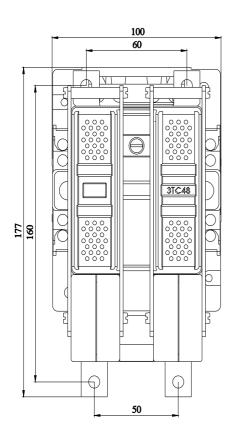
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

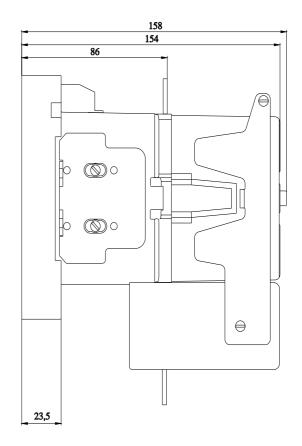
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TC4817-0BF0&lang=en

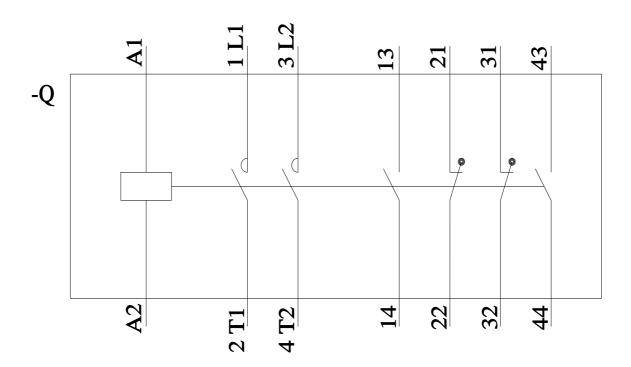
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3TC4817-0BF0/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TC4817-0BF0&objecttype=14&gridview=view1







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