# SIEMENS

#### Data sheet

### 3TC4817-0BM0



Contactor, Size 4, 2-pole, DC-3 and 5, 75 A Auxiliary switch 22 (2 NO + 2 NC) 220 V AC 50 Hz/264 V AC 60 Hz AC operation

| product designation   | Contactor              |
|---|------------------------|
| product type designation  | 3TC                    |
| General technical data  |                        |
| size of contactor   | 4                      |
| product extension   |                        |
| <ul> <li>function module for communication</li> </ul>   | No                     |
| auxiliary switch  | Yes                    |
| insulation voltage rated value  | 800 V                  |
| maximum permissible voltage for protective separation between<br>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)  |                        |
| <ul> <li>of contactor typical</li> </ul>  | 10 000 000             |
| <ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>                                  | 10 000 000             |
| reference code according to IEC 81346-2   | Q                      |
| Substance Prohibitance (Date)   | 03/01/2017             |
| Ambient conditions  |                        |
| ambient temperature   |                        |
| <ul> <li>during operation</li> </ul>  | -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   |                        |
| <ul> <li>at 1 current path at DC-1</li> </ul>   |                        |
| — at 24 V rated value   | 75 A                   |
| — at 110 V rated value  | 75 A                   |
| — at 220 V rated value  | 75 A                   |
| <ul> <li>with 2 current paths in series at DC-1</li> </ul>  |                        |
| — 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                   |

| <ul> <li></li></ul>   |  |  |
|---|--|--|
|   | — at 750 V rated value   | 75 A   |
|   | <ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>  |  |
|   | — at 24 V rated value  | 75 A   |
| • with 2 current paths in series at DC-3 at DC-5- at 24 V rated value75 A- at 250 V rated value75 A- at 250 V rated value75 A- at 450 V rated value75 A- at 450 V rated value75 A- at 750 V rated value75 A- at 750 V rated value75 A- at 750 V rated value82 kW- at 750 V rated value82 kW- at 250 V rated value85 kW- at 250 V rated value85 kW- at 250 V rated value85 kW- at 250 V rated value65 kW- at 250 V rated value27 kW- at 250 V rated value27 kW- at 250 V rated value26 kW- at 250 V rated value27 kW- at 250 V rated value26 kW- at 250 V rated value20 kW- at 250 V rated value20 kW- at 550 V rated value20 kW- at 560 V rated value36 kW- at 560 V rated value<   | — at 110 V rated value   | 75 A   |
|   | — at 220 V rated value   | 75 A   |
|   | <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>   |  |
|   | — at 24 V rated value  | 75 A   |
|   | — at 110 V rated value   | 75 A   |
| − af 800 Y ratied value     75 Å       − af 750 V ratied value     75 Å       • af 10 C-1     -       • af 10 C-1     -       - af 230 V ratied value     15 5 KV       - af 230 V ratied value     15 5 KV       - af 230 V ratied value     56 KV       - af 200 V ratied value     56 KV       - af 200 V ratied value     56 KV       - af 200 V ratied value     38 KV       - af 200 V ratied value     300 Th       - af 200 V ratied value     200 V       - af 500 V ratied value     200 V       - af 500 K ratied value     200 V       - af 50 Fiz     600 Th       - af 50 Fiz     300 VA       - af 50 Fiz     300 VA       - af 50 Fiz     365 VA       - af 50 Fiz <td>— at 220 V rated value</td> <td>75 A</td>  | — at 220 V rated value   | 75 A   |
| −a 1730 V rated value         76 Å           operating power         F           −at 110 V rated value         82 W           −at 44 00 V rated value         83 W           −at 44 00 V rated value         33 W           −at 44 00 V rated value         33 W           −at 44 00 V rated value         33 W           −at 41 00 V rated value         65 KW           −at 41 00 V rated value         65 KW           −at 44 00 V rated value         65 KW           −at 44 00 V rated value         65 KW           −at 44 00 V rated value         27 KW           −at 44 00 V rated value         27 KW           −at 750 V rated value         26 KW           −at 750 V rated value         26 KW           operating frequency         -at 600 Th           −at 150 V rated value         1000 Th           ott DC-5 maximum         600 Th           ott DC-5 maximum <td>— at 440 V rated value</td> <td>75 A</td>                       | — at 440 V rated value   | 75 A   |
| operating power• if UC-1- at 110 V rated value- at 220 V rated value- at 220 V rated value- at 420 V rated value- at 420 V rated value- at 420 V rated value- at 410 V rated value- at 420 V rated value- at 750 V rated value- at 600 V rated value- at 750 V rated value- at 60 Hz- at 50 Hz- at 60 Hz  | — at 600 V rated value   | 75 A   |
| - at 100-1     82 kW       - at 100 V rated value     82 kW       - at 440 V rated value     33 kW       - at 440 V rated value     33 kW       - at 100 V rated value     56 kW       - at 100 V rated value     65 kW       - at 100 V rated value     65 kW       - at 100 V rated value     65 kW       - at 100 V rated value     27 kW       - at 400 V rated value     28 kW       - at 400 V rated value     28 kW       - at 50 V rated value     28 kW       - at 50 V rated value     28 kW       operating frequency     45 kW       - at 100 V rated value     45 kW       operating frequency     45 kW       - at 100 V rated value     20 V       - at 100 V rated value     00 VA       - at 100 V rated value     00 VA       - at 100 V rated value     00 VA       - at 100 V rated value   | — at 750 V rated value   | 75 A   |
| - al 100 Y rated value82.kW- al 220 Y rated value165.kW- al 750 V rated value56.kW- al 750 V rated value66.kW- al 110 Y rated value65.kW- al 120 V rated value13.kW- al 220 V rated value13.kW- al 420 V rated value38.kW- al 420 V rated value000 1/h- al 50 V rated value600 1/h- al 10 C-1 maximum600 1/h- al 10 C-1 maximum600 1/h- al 10 C-1 raximum220 V- al 10 Hz rated value220 V- al 01 Hz220 V- al 01 Hz0.8 1.1- al 01 Hz0.8 1.1- al 01 Hz300 VA- al 01 Hz300 VA- al 01 Hz300 VA- al 01 Hz0.8 1.1- al 01 Hz0.5 al 01 Hz0.5 al 01 Hz0.5 al 01 Hz0.5 al 01 Hz0.4 al 01 Hz0.2 al 01 Hz0.2 al 01 Hz0.2 al 01 Hz  |  |  |
| - al 220 V rated value16.5 kW- al 740 V rated value33 kV- al 710 V rated value65 kW- al 710 V rated value65 kW- al 710 V rated value13 kV- al 410 V rated value27 kW- al 400 V rated value27 kW- al 400 V rated value28 kW- al 750 V rated value45 kW- al 750 V rated value45 kWoperating frequency1000 1/h- al 750 V rated value600 1/h- al 750 V rated value200 V rated value- al 750 V rated value200 V rated value- al 10 LC3 maximum600 1/h- al 10 LC3 maximum600 1/h- al 0.02 ranadimum600 1/h- al 0.01 value20 V- al 0.01 value20 V- al 0.01 value20 V- al 0.01 value600 1/h- al 0.01 value20 V- al 0.01 value20 V- al 0.01 value00 1/h- al 0.01 value00 V/h- al 0.01 value  |  |  |
|   | — at 110 V rated value   |  |
|   | — at 220 V rated value   |  |
| • at DC-3<br>at 110 V rated value5 kW at 20 V rated value13 kW at 400 V rated value27 kW at 600 V rated value27 kW at 600 V rated value27 kW at 600 V rated value26 kW at 750 V rated value46 kW  |  |  |
|   |  | 56 kW  |
|   |  |  |
| at 440 V rated value27 kW at 500 V rated value38 kW at 750 V rated value38 kWoperating frequency at DC-1 maximum1000 1/h at DC-5 maximum600 1/h at DC-5 maximum600 1/h at 50 K aread value200 V at 50 K aread value220 V at 50 K aread value220 V at 50 Hz rated value264 V at 50 Hz0.8 1.1 at 50 Hz0.5 at 50 Hz0.45 at 50 Hz0.5 at 50 Hz0.24 at 60 Hz0.24 <td></td> <td></td>   |  |  |
| at 600 V rated value38 kW at 750 V rated value48 kWoperating frequency1000 t/h- at DC-3 maximum600 t/h- at 50 HzAC- at 50 Hz rated value220 v- at 50 Hz220 v- at 50 Hz0.81.1- apparent pick-up power of magnet coil at AC300 VA- at 50 Hz300 VA- at 50 Hz300 VA- at 50 Hz0.5- at 50 Hz0.5- at 50 Hz0.5- at 50 Hz0.45- at 50 Hz0.45- at 50 Hz0.45- at 50 Hz0.45- at 50 Hz0.5- at 50 Hz0.45- at 50 Hz0.24- at 50 Hz0.26- at 50 Hz0.26 </td <td></td> <td>13 kW</td>   |  | 13 kW  |
|   |  |  |
| operating frequency         1000 1/h           at DC-3 maximum         600 1/h           at DC-3 maximum         600 1/h           control supply voltage at AC         600 1/h           at 50 Hz rated value         220 V           at 60 Hz rated value         220 V           at 60 Hz rated value         220 V           operating range factor control supply voltage rated value of magnet coil at AC         264 V           operating range factor control supply voltage rated value of magnet coil at AC         300 VA           at 50 Hz         0.8 1.1           apparent pick-up power of magnet coil at AC         300 VA           at 60 Hz         365 VA           Inductive power factor with closing power of the coil         0.5           at 60 Hz         0.45           apparent pick-up power of magnet coil at AC         26 VA           at 60 Hz         0.45           apparent holding power of magnet coil at AC         26 VA           at 60 Hz         0.45           apparent holding power of magnet coil at AC         26 VA           at 60 Hz         0.24           at 60 Hz         0.24           at 60 Hz         0.24           at 60 Hz         0.24           at 60 Hz         0.26 <td></td> <td></td> |  |  |
| • at DC-1 maximum1 000 1/h• at DC-3 maximum600 1/h• at DC-3 maximum600 1/hControl circuit/ Control600 1/hControl circuit/ Control600 1/hControl supply voltage at AC7• at 50 Hz rated value220 V• at 50 Hz rated value220 V• at 50 Hz rated value224 Voperating range factor control supply voltage rated value of magnet coil at AC300 VA• at 50 Hz0.8 1.1• at 50 Hz0.8 1.1• at 50 Hz300 VA• at 60 Hz300 VA• at 60 Hz300 VA• at 60 Hz300 VA• at 60 Hz365 VAInductive power factor with closing power of the coil0.5• at 50 Hz0.5• at 60 Hz0.5• at 60 Hz0.5• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.26• at 60 Hz0.26• at 60 Hz2• at 60 Hz0.30 msAuxiliary contacts2• instantaneous contact2• instantaneous contact2• instantaneous contact2• instantaneous contact2• instantaneous contact<   |  | 45 kW  |
| • at DC-3 maximum600 1/hControl circuit/ ControlCype of voltage of the control supply voltage at AC• at 50 Hz rated value• at 60 Hz rated value• at 60 Hz• at 60 Hz   | operating frequency  |  |
| • at DC-5 maximum600 1/hControl circul/ Controltype of voltage of the control supply voltage at AC• at 50 Hz rated value220 V• at 60 Hz rated value220 V• at 60 Hz rated value204 Voperating range factor control supply voltage rated value of700 VA• at 50 Hz0.8 1.1apparent pick-up power of magnet coil at AC300 VA• at 60 Hz300 VA• at 60 Hz0.5• at 60 Hz0.5• at 60 Hz0.5• at 60 Hz0.45• at 60 Hz0.45• at 60 Hz0.45• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.26• at 60 Hz0.28• at 60 Hz0.24• at 60 Hz0.28• at 60 Hz0.28• at 60 Hz0.21• at 60   |  |  |
| Control circuit/ Control         AC           type of voltage of the control supply voltage         AC           control supply voltage at AC         220 V           • at 50 Hz rated value         264 V           opparating range factor control supply voltage rated value of magnet coil at AC         300 VA           • at 50 Hz         0.8 1.1           apparent pick-up power of magnet coil at AC         300 VA           • at 50 Hz         365 VA           inductive power factor with closing power of the coil         0.5           • at 50 Hz         0.45           apparent holding power of magnet coil at AC         26 VA           • at 60 Hz         0.45           apparent holding power of magnet coil at AC         26 VA           • at 60 Hz         0.45           apparent holding power of magnet coil at AC         26 VA           • at 60 Hz         0.45           apparent holding power of magnet coil at AC         26 VA           • at 60 Hz         0.24           • at 60 Hz         0.24           • at 60 Hz         0.26           arcing time         2030 ms           Auxiliary circuit         2           number of NC contacts for auxillary contacts         2           • instantaneous contact  |  |  |
| type of voltage of the control supply voltage         AC           control supply voltage at AC         20 V           • at 50 Hz rated value         264 V           operating range factor control supply voltage rated value of magnet coil at AC         300 VA           • at 50 Hz         0.8 1.1           apparent pick-up power of magnet coil at AC         300 VA           • at 50 Hz         300 VA           • at 60 Hz         365 VA           inductive power factor with closing power of the coll         0.5           • at 60 Hz         0.45           apparent holding power of magnet coil at AC         26 VA           • at 60 Hz         0.5           • at 60 Hz         0.5           • at 60 Hz         0.45           • at 60 Hz         0.24           • at 60 Hz         0.24           • at 60 Hz         0.26           at 60 Hz         0.26           at 60 Hz         0.26   |  | 600 1/h  |
| control supply voltage at AC220 V• at 50 Hz rated value220 V• at 60 Hz rated value264 Voperating range factor control supply voltage rated value of264 V• at 50 Hz0.8 1.1apparent pick-up power of magnet coil at AC300 VA• at 50 Hz0.8 1.1apparent pick-up power of magnet coil at AC300 VA• at 60 Hz365 VAInductive power factor with closing power of the coil0.5• at 60 Hz0.45apparent pick power factor with closing power of the coil0.5• at 60 Hz0.45apparent holding power of magnet coil at AC26 VA• at 60 Hz0.45apparent holding power of magnet coil at AC26 VA• at 60 Hz0.24• at 60 Hz305 VAinductive power factor with the holding power of the coil0.24• at 60 Hz0.24• at 60 Hz0.28arcing time2030 msAuxiliary circult21number of NC contacts for auxiliary contacts2• instantaneous contact21 number of CO contacts for auxiliary contacts21 number of CO contacts for auxiliary contacts22 operational current at AC-152• at 200 V rated value5.6 A• at 400 V rated value3.6 A  |  |  |
| • at 50 Hz rated value220 V• at 50 Hz rated value264 Voperating range factor control supply voltage rated value of<br>magnet coil at AC0.8 1.1• at 50 Hz0.8 1.1apparent pick up power of magnet coil at AC300 VA• at 50 Hz0.8 1.1apparent pick up power of magnet coil at AC300 VA• at 60 Hz365 VAinductive power factor with closing power of the coil0.5• at 60 Hz0.5• at 60 Hz0.45apparent holding power of magnet coil at AC26 VA• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact2   |  | AC   |
| • at 60 Hz rated value     264 V       operating range factor control supply voltage rated value of magnet coil at AC     0.8 1.1       apparent pick-up power of magnet coil at AC     300 VA       • at 50 Hz     300 VA       • at 50 Hz     300 VA       • at 60 Hz     365 VA       inductive power factor with closing power of the coil     0.5       • at 60 Hz     0.5       • at 60 Hz     0.45       apparent holding power of magnet coil at AC     26 VA       • at 60 Hz     0.45       apparent holding power of magnet coil at AC     26 VA       • at 60 Hz     0.45       apparent holding power of magnet coil at AC     26 VA       • at 60 Hz     0.24       • at 60 Hz     0.24       • at 60 Hz     0.24       • at 60 Hz     0.26       • at 10 Hz     0.26 <tr< td=""><td></td><td>220.1/</td></tr<>   |  | 220.1/   |
| operating range factor control supply voltage rated value of<br>magnet coil at AC       0.8 1.1         apparent pick-up power of magnet coil at AC       300 VA         • at 50 Hz       300 VA         • at 60 Hz       300 VA         • at 60 Hz       365 VA         inductive power factor with closing power of the coil       0.5         • at 60 Hz       0.45         apparent holding power of magnet coil at AC       26 VA         • at 60 Hz       0.45         apparent holding power of magnet coil at AC       26 VA         • at 60 Hz       0.24         • at 50 Hz       0.24         • at 50 Hz       0.26         • at 50 Hz       0.26         • at 60 Hz       0.26         arcing time       20 30 ms         Auxiliary circuit       2         number of NC contacts for auxiliary contacts       2         • instantaneous contact       2         number of CO contacts for auxiliary contacts       0         identification number and letter for switching elements       22         operational current at AC-15       4         • at 200 V rated value       5.6 A         • at 400 V rated value       3.6 A   | • at 50 Hz rated value   |  |
| magnet coil at AC0.8 1.1apparent pick-up power of magnet coil at AC300 VA• at 50 Hz300 VA• at 50 Hz300 VA• at 60 Hz365 VAinductive power factor with closing power of the coil0.5• at 60 Hz0.45apparent holding power of magnet coil at AC26 VA• at 60 Hz26 VA• at 60 Hz355 VAinductive power factor with the holding power of the coil0.24• at 60 Hz356 VA• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxillary circuit2number of NC contacts for auxillary contacts2• instantaneous contact2number of CO contacts for auxillary contacts2operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 200 V rated value5.6 A• at 400 V rated value3.6 A   | a at 60 Hz rated velve   |  |
| apparent pick-up power of magnet coil at AC       300 VA         • at 50 Hz       300 VA         • at 60 Hz       365 VA         inductive power factor with closing power of the coil       0.5         • at 60 Hz       0.45         apparent holding power of magnet coil at AC       26 VA         • at 50 Hz       0.45         apparent holding power of magnet coil at AC       26 VA         • at 50 Hz       0.24         • at 50 Hz       0.24         • at 60 Hz       0.24         • at 60 Hz       0.24         • at 60 Hz       0.26         arcing time       20 30 ms         Auxiliary circuit       0.26         number of NC contacts for auxiliary contacts       2         • instantaneous contact       2         number of NO contacts for auxiliary contacts       2         • instantaneous contact       2         number of CO contacts for auxiliary contacts       0         identification number and letter for switching elements       22         operational current at AC-15       10 A         operational current at AC-15       -         • at 230 V rated value       5.6 A         • at 400 V rated value       3.6 A   |  | 264 V  |
| • at 50 Hz300 VA• at 60 Hz365 VAinductive power factor with closing power of the coil0.5• at 50 Hz0.5• at 60 Hz0.45apparent holding power of magnet coil at AC26 VA• at 50 Hz35 VA• at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 60 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxillary circuit2number of NC contacts for auxillary contacts2• instantaneous contact210.21• instantaneous contact2• instantaneous contact2• operational current at AC-152• at 200 V rated value5.6 A• at 400 V rated value3.6 A  | operating range factor control supply voltage rated value of   | 264 V  |
| • at 60 Hz365 VAinductive power factor with closing power of the coil0.5• at 50 Hz0.45apparent holding power of magnet coil at AC26 VA• at 50 Hz26 VA• at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 60 Hz0.24• at 60 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxillary circuit2number of NC contacts for auxillary contacts2• instantaneous contact2• instantaneous contact2number of NO contacts for auxillary contacts2operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 200 V rated value3.6 A  | operating range factor control supply voltage rated value of magnet coil at AC   |  |
| inductive power factor with closing power of the coil0.5• at 50 Hz0.45apparent holding power of magnet coil at AC26 VA• at 50 Hz26 VA• at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 60 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxillary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact10 Aoperational current at AC-155.6 A• at 200 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz  | 0.8 1.1  |
| • at 50 Hz0.5• at 60 Hz0.45apparent holding power of magnet coil at AC26 VA• at 50 Hz26 VA• at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 50 Hz0.24• at 60 Hz0.24• at 60 Hz0.26arcing time0.20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact2• instantaneous contact2• instantaneous contact2• instantaneous contact0• instantaneous contact10 A• operational current at AC-1556 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC   | 0.8 1.1<br>300 VA  |
| • at 60 Hz0.45apparent holding power of magnet coil at AC26 VA• at 50 Hz26 VA• at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 60 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact for auxiliary contacts2• instantaneous contact for auxiliary contacts0• instantaneous contact for auxiliary contacts0• operational current at AC-12 maximum10 A• operational current at AC-15•• at 230 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz   | 0.8 1.1<br>300 VA<br>300 VA  |
| apparent holding power of magnet coil at AC26 VA• at 50 Hz26 VA• at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 50 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2number of NO contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts0identification number and letter for switching elements22operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA  |
| • at 50 Hz26 VA• at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 50 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact10 Aoperational current at AC-1510 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5   |
| • at 60 Hz35 VAinductive power factor with the holding power of the coil0.24• at 50 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2number of NO contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts2• instantaneous contact2operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 400 V rated value3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5  |
| inductive power factor with the holding power of the coil0.24a t 50 Hz0.26a t 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2a instantaneous contact2number of NO contacts for auxiliary contacts2a instantaneous contact2number of NO contacts for auxiliary contacts2a instantaneous contact2number of CO contacts for auxiliary contacts2operational current at AC-12 maximum10 Aoperational current at AC-153.6 Aa t 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.5<br>0.45   |
| • at 50 Hz0.24• at 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2• operational current at AC-12 maximum0• at 230 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA   |
| • at 60 Hz0.26arcing time20 30 msAuxiliary circuit2number of NC contacts for auxiliary contacts2• instantaneous contact2number of NO contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact2• instantaneous contact2• instantaneous contact2• instantaneous contact2• ot CO contacts for auxiliary contacts0identification number and letter for switching elements22• operational current at AC-12 maximum10 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA  |
| arcing time20 30 msAuxiliary circuitnumber of NC contacts for auxiliary contacts2• instantaneous contact2• umber of NO contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact2operational current at AC-12 maximum10 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA   |
| Auxiliary circuit         number of NC contacts for auxiliary contacts       2         • instantaneous contact       2         number of NO contacts for auxiliary contacts       2         • instantaneous contact       2         number of CO contacts for auxiliary contacts       2         number of CO contacts for auxiliary contacts       0         identification number and letter for switching elements       22         operational current at AC-12 maximum       10 A         operational current at AC-15       5.6 A         • at 230 V rated value       5.6 A         • at 400 V rated value       3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA   |
| number of NC contacts for auxiliary contacts2• instantaneous contact2number of NO contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact2number of CO contacts for auxiliary contacts0identification number and letter for switching elements22operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24   |
| • instantaneous contact2number of NO contacts for auxiliary contacts2• instantaneous contact2• instantaneous contact0number of CO contacts for auxiliary contacts0identification number and letter for switching elements22operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.26   |
| number of NO contacts for auxiliary contacts2• instantaneous contact2number of CO contacts for auxiliary contacts0identification number and letter for switching elements22operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.26   |
| • instantaneous contact2number of CO contacts for auxiliary contacts0identification number and letter for switching elements22operational current at AC-12 maximum10 Aoperational current at AC-15-• at 230 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.24<br>0.26<br>20 30 ms   |
| number of CO contacts for auxiliary contacts0identification number and letter for switching elements22operational current at AC-12 maximum10 Aoperational current at AC-155.6 A• at 230 V rated value5.6 A• at 400 V rated value3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz          | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.24<br>0.26<br>20 30 ms   |
| identification number and letter for switching elements       22         operational current at AC-12 maximum       10 A         operational current at AC-15       5.6 A         • at 230 V rated value       5.6 A         • at 400 V rated value       3.6 A   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>• instantaneous contact  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.24<br>0.26<br>20 30 ms   |
| operational current at AC-12 maximum       10 A         operational current at AC-15       5.6 A         • at 230 V rated value       5.6 A         • at 400 V rated value       3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 50 Hz<br>• at 60 Hz | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.26<br>20 30 ms<br>2<br>2<br>2  |
| operational current at AC-15       • at 230 V rated value       • at 400 V rated value       5.6 A       3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• at 50 Contacts for auxiliary contacts<br>• instantaneous contact<br>• instantaneous contact<br>• instantaneous contact   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.24<br>0.26<br>20 30 ms<br>2<br>2<br>2<br>2                             |
| at 230 V rated value     5.6 A     3.6 A  | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>• at 60 Hz<br>• instantaneous contacts<br>• instantaneous contacts<br>• instantaneous contact<br>number of NO contacts for auxiliary contacts<br>• instantaneous contact<br>number of CO contacts for auxiliary contacts   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.26<br>20 30 ms<br>2<br>2<br>2<br>2<br>2<br>0                  |
| • at 400 V rated value 3.6 A  | 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         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 60 Hz         inductive power factor with the holding power of the coil         • at 60 Hz         inductive power factor with the nolding power of the coil         • at 60 Hz         arcing time         Auxiliary circuit         number of NC contacts for auxiliary contacts         • instantaneous contact         number of NO contacts for auxiliary contacts         • instantaneous contact         number of CO contacts for auxiliary contacts         identification number and letter for switching elements  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.24<br>0.26<br>20 30 ms<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2    |
|   | 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         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         • instantaneous contact         number of NO contacts for auxiliary contacts         • instantaneous contact         number of CO contacts for auxiliary contacts         • instantaneous contact         number of CO contacts for auxiliary contacts         operational current at AC-12 maximum   | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.24<br>0.26<br>20 30 ms<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2    |
| at 500 V rated value     2.5 A  | 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         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         arcing time         Auxiliary circuit         number of NC contacts for auxiliary contacts         • instantaneous contact         number of NO contacts for auxiliary contacts         • instantaneous contact         number of CO contacts for auxiliary contacts         identification number and letter for switching elements         operational current at AC-12 maximum         operati  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.26<br>20 30 ms<br>2<br>2<br>2<br>2<br>2<br>2<br>10 A<br>5.6 A          |
|   | operating range factor control supply voltage rated value of<br>magnet coil at AC<br>• at 50 Hz<br>apparent pick-up power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with closing power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>apparent holding power of magnet coil at AC<br>• at 50 Hz<br>• at 60 Hz<br>inductive power factor with the holding power of the coil<br>• at 50 Hz<br>• at 60 Hz<br>acting time<br>Auxiliary circuit<br>number of NC contacts for auxiliary contacts<br>• instantaneous contact<br>number of NO contacts for auxiliary contacts<br>• instantaneous contact<br>number of CO contacts for auxiliary contacts<br>• instantaneous contact<br>• instan  | 0.8 1.1<br>300 VA<br>300 VA<br>365 VA<br>0.5<br>0.5<br>0.45<br>26 VA<br>26 VA<br>26 VA<br>35 VA<br>0.24<br>0.24<br>0.26<br>20 30 ms<br>2<br>2<br>2<br>2<br>2<br>2<br>10 A<br>5.6 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   |
| <ul> <li>at 220 V rated value</li> </ul>  | 0.9 A   |
| <ul> <li>at 600 V rated value</li> </ul>  | 0.22 A  |
| operational current at DC-13  |   |
| <ul> <li>at 24 V rated value</li> </ul>   | 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  |   |
| contact rating of auxiliary contacts according to UL  | A600 / P600   |
| Short-circuit protection  |   |
| design of the fuse link   |   |
| <ul> <li>for short-circuit protection of the main circuit</li> </ul>                        |   |
| — 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)  |
| <ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>           | gG: 16 A (500 V, 1 kA)  |
| Installation/ mounting/ dimensions  |   |
| mounting position   | +/-22,5° rotation possible on vertical mounting surface; can be tilted forward  |
| mounting position   | and backward by +/- 22.5° on vertical mounting surface; standing, on horizontal |
|   | mounting surface  |
| fastening method  | screw fixing  |
| <ul> <li>side-by-side mounting</li> </ul>   | Yes   |
| height  | 177.5 mm  |
| width   | 100 mm  |
| depth   | 156 mm  |
| required spacing  |   |
| <ul> <li>with side-by-side mounting</li> </ul>  |   |
| — forwards  | 20 mm   |
| — backwards   | 0 mm  |
| — upwards   | 10 mm   |
| — downwards   | 10 mm   |
| — at the side   | 10 mm   |
| <ul> <li>for grounded parts</li> </ul>  |   |
| — forwards  | 55 mm   |
| — backwards   | 0 mm  |
| — upwards   | 10 mm   |
| — at the side   | 10 mm   |
| — downwards   | 10 mm   |
| <ul> <li>for live parts</li> </ul>  |   |
| — forwards  | 55 mm   |
| — backwards   | 0 mm  |
| — upwards   | 10 mm   |
| — downwards   | 10 mm   |
| — at the side   | 10 mm   |
| Connections/ Terminals  |   |
| type of electrical connection   | screw-type terminals  |
| for main current circuit  | screw-type terminals  |
| for auxiliary and control circuit   | screw-type terminals  |
| type of connectable conductor cross-sections  |   |
| for auxiliary contacts  |   |
| solid or stranded   | 2x (1 2.5 mm²)  |
| <ul> <li>— solid of stranded</li> <li>— finely stranded with core end processing</li> </ul> |   |
|   |   |
| Safety related data   | 2x (0.75 1.5 mm²)   |

| product function mirror contact according t   | o IEC 60947-4-1 Yes | 8   |                      |  |
|---|---------------------|---|----------------------|--|
| protection class IP on the front accordin     | ng to IEC 60529 IPC | 0; IP20 with box terminal/co                |                      |  |
| touch protection on the front according       | to IEC 60529 fing   | ger-safe, for vertical contact              | r                    |  |
| Certificates/ approvals                       |                     |   |                      |  |
| General Product Approval                      |                     |   |                      | Functional<br>Safety/Safety of Ma-<br>chinery  |
| Confirmation                                  |                     |   | EHC                  | <u>Type Examination Cer</u><br>tificate        |
| Functional<br>Safety/Safety of Ma-<br>chinery | Conformity          | Test Certificates                           |                      |  |
| Type Examination Cer-<br>tificate UK          | CE<br>EG-Konf.      | <u>Special Test Certific-</u><br><u>ate</u> | <u>Miscellaneous</u> | <u>Type Test Certific-</u><br>ates/Test Report |
| other Dangerous Goo                           | bd                  |   |                      |  |
| Confirmation Transport Inform                 | ation               |   |                      |  |

#### Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3TC4817-0BM0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TC4817-0BM0

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

https://support.industry.siemens.com/cs/ww/en/ps/3TC4817-0BM0

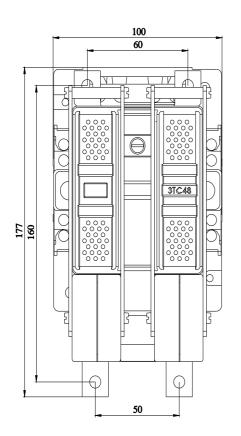
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

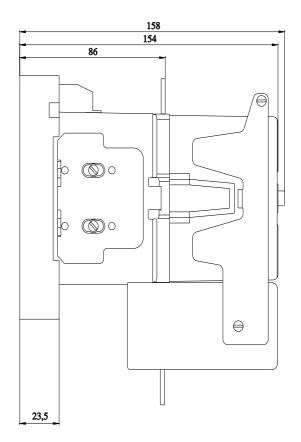
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3TC4817-0BM0&lang=en

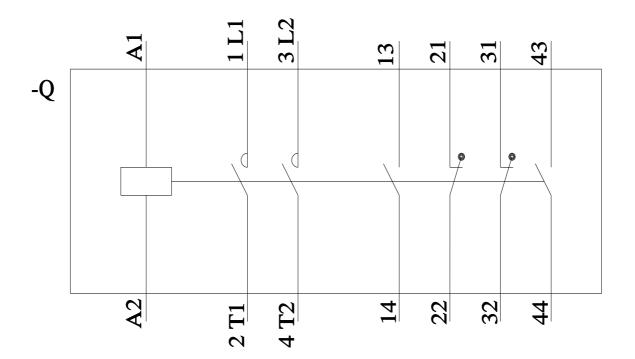
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3TC4817-0BM0/char Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TC4817-0BM0&objecttype=14&gridview=view1







2/13/2023 🖸

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