SIEMENS

Data sheet 3TC4817-0BD0



Contactor size 4, 2-pole DC-3 and 5, 75 A Auxiliary switch 22 (2 NO + 2 NC) Alternating current operation 42 V AC 50 Hz/50 V AC 60 Hz

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	3.38 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 DC-3 at DC-5	
— at 220 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
an austine francisco	
operating frequency	4.000.4#
• at DC-1 maximum	1 000 1/h
at DC-1 maximumat DC-3 maximum	600 1/h
at DC-1 maximumat DC-3 maximumat DC-5 maximum	
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control	600 1/h 600 1/h
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control type of voltage of the control supply voltage	600 1/h
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control type of voltage of the control supply voltage control supply voltage at AC	600 1/h 600 1/h AC
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control type of voltage of the control supply voltage	600 1/h 600 1/h
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control type of voltage of the control supply voltage control supply voltage at AC	600 1/h 600 1/h AC
at DC-1 maximum at DC-3 maximum at DC-5 maximum control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V
at DC-1 maximum at DC-3 maximum at DC-5 maximum control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA
at DC-1 maximum at DC-3 maximum at DC-5 maximum control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 365 VA
at DC-1 maximum at DC-3 maximum at DC-5 maximum control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 365 VA 0.5
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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 at 60 Hz apparent holding power of magnet coil at AC	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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 apparent holding power of magnet coil at AC at 50 Hz	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA
at DC-1 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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 at 60 Hz at 60 Hz	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 365 VA 0.5 0.5 0.45 26 VA 26 VA 35 VA
at DC-1 maximum at DC-3 maximum at DC-5 maximum out DC-5 maximum Control circuit/ Control type of voltage of the control supply voltage control supply voltage at AC at 50 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 inductive power factor with the holding power of the coil	600 1/h 600 1/h AC 42 V 50 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
at DC-3 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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 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	600 1/h 600 1/h AC 42 V 50 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
at DC-3 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 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
at DC-3 maximum at DC-3 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 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 0.24 0.26 20 30 ms
at DC-3 maximum at DC-5 maximum at DC-5 maximum output Control type of voltage of the control supply voltage control supply voltage at AC at 50 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 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	600 1/h 600 1/h AC 42 V 50 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 0.24 0.26 20 30 ms
at DC-1 maximum at DC-3 maximum at DC-5 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 305 VA 0.5 0.5 0.45 26 VA 26 VA 26 VA 0.24 0.24 0.24 0.26 20 30 ms
at DC-3 maximum at DC-5 maximum at DC-5 maximum 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 at 60 Hz inductive power factor with the holding power of the coil at 50 Hz at 60 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 arcing time Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact	600 1/h 600 1/h AC 42 V 50 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
at DC-1 maximum at DC-3 maximum at DC-5 maximum at DC-5 maximum Control circuit/ Control 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	600 1/h 600 1/h AC 42 V 50 V 0.8 1.1 300 VA 300 VA 305 VA 0.5 0.5 0.45 26 VA 26 VA 26 VA 0.24 0.24 0.24 0.26 20 30 ms

identification number and letter for switching elements	22
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	5.6 A
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	
contact rating of auxiliary contacts according to UL	A600 / P600
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)
In stall stick I was until all discounting and	
Installation/ mounting/ dimensions	
Installation/ mounting/ dimensions mounting position	+/-22,5° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
mounting position	and backward by +/- 22.5° on vertical mounting surface
mounting position fastening method side-by-side mounting	and backward by +/- 22.5° on vertical mounting surface Yes
mounting position fastening method side-by-side mounting fastening method	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing
mounting position fastening method side-by-side mounting fastening method height	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm
mounting position fastening method side-by-side mounting fastening method height width	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm
mounting position fastening method side-by-side mounting fastening method height width depth	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm 10 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — backwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm 10 mm 10 mm 0 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — at the side • for grounded parts — towards — backwards — backwards — backwards — backwards — at the side	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — at the side • to grounded parts — to grounded parts — to grounded parts — to grounded parts — downwards — at the side — downwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards — backwards — upwards — at the side — downwards • for live parts	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards • for live parts — forwards — backwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • at the side — downwards • for live parts — forwards — backwards — backwards — backwards — upwards	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — backwards — upwards — downwards — at the side	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — backwards — upwards — backwards — upwards — backwards — upwards — backwards — upwards — downwards — at the side Connections/ Terminals	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — backwards — upwards — backwards — upwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — backwards — upwards — backwards — upwards — backwards — upwards — backwards — upwards — at the side Connections/ Terminals type of electrical connection	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm screw terminal
mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards — at the side • for grounded parts — forwards — backwards — upwards — at the side • for grounded parts — forwards — backwards — upwards — at the side — downwards • for live parts — forwards — backwards — upwards — at the side — downwards — backwards — upwards — backwards — upwards — backwards — upwards — backwards — upwards — downwards — at the side Connections/ Terminals	and backward by +/- 22.5° on vertical mounting surface Yes screw fixing 177.5 mm 100 mm 156 mm 20 mm 0 mm 10 mm





Confirmation









Functional Saftey Test Certificates other

Type Examination Certificate

Type Examination Certificate

Type Test Certificates/Test Report

Special Test Certificates/Test Report

Confirmation

Dangerous goods Environment

<u>Transport Information</u> <u>Environmental Confirmations</u>

Further information

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=3TC4817-0BD0

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3TC4817-0BD0}$

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

 $\underline{https://support.industry.siemens.com/cs/ww/en/ps/3TC4817-0BD0}$

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

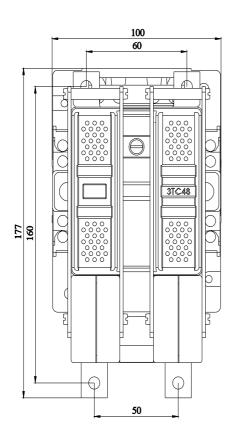
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TC4817-0BD0&lang=en

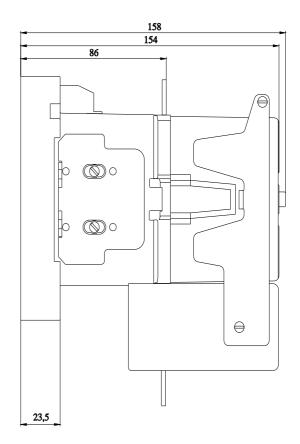
Characteristic: Tripping characteristics, I²t, Let-through current

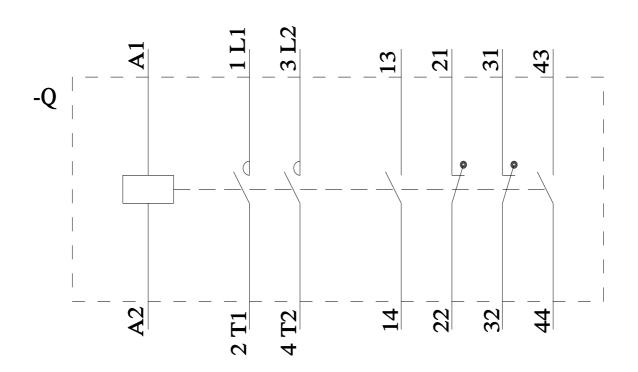
https://support.industry.siemens.com/cs/ww/en/ps/3TC4817-0BD0/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TC4817-0BD0&objecttype=14&gridview=view1







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