SIEMENS

Data sheet 3TC5217-0BF0



Contactor, Size 8, 2-pole, DC-3 and 5, 220 A Auxiliary switch 22 (2 NO + 2 NC) 110V AC 50Hz/132V AC 60Hz AC operation AC operation

product designation	Contactor
product type designation	3TC
General technical data	
size of contactor	8
product extension	
 function module for communication 	No
auxiliary switch	Yes
insulation voltage rated value	1 000 V
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	660 V
shock resistance at rectangular impulse	
• at AC	12g / 5 ms, 5,5g / 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	6.97 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	220 A
— at 110 V rated value	220 A
— at 220 V rated value	220 A
 with 2 current paths in series at DC-1 	
— at 24 V rated value	220 A
— at 110 V rated value	220 A
— at 220 V rated value	220 A

— at 440 V rated value	220 A
— at 600 V rated value	220 A
— at 750 V rated value	220 A
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	220 A
— at 110 V rated value	220 A
— at 220 V rated value	220 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	220 A
— at 110 V rated value	220 A
— at 220 V rated value	220 A
— at 440 V rated value	220 A
— at 600 V rated value	220 A
— at 750 V rated value	170 A
operating power	
• at DC-1	
— at 110 V rated value	24 kW
— at 220 V rated value	48 kW
— at 440 V rated value	97 kW
— at 750 V rated value	165 kW
at DC-3 at DC-5	100 (1)
- at 110 V rated value	20 kW
— at 220 V rated value	41 kW
— at 440 V rated value	82 kW
— at 600 V rated value	110 kW
— at 750 V rated value	110 kW
operating frequency	4 000 4 11
• 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	
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	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	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 1.1 640 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 1.1 640 VA 640 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 1.1 640 VA 640 VA 730 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 1.1 640 VA 640 VA 730 VA 0.48
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 1.1 640 VA 640 VA 730 VA 0.48 0.48
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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38
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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 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 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23
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	110 V 132 V 0.8 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23
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 • 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.23 0.24 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.24 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.24 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	110 V 132 V 0.8 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.24 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 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.24 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	110 V 132 V 0.8 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.24 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 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 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 inductive power factor with closing power of the coil at 50 Hz at 60 Hz	110 V 132 V 0.8 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.23 0.24 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 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 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 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 inductive power factor with closing power of the coil at 60 Hz at 6	110 V 132 V 0.8 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.24 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 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 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 inductive power factor with closing power of the coil at 50 Hz at 60 Hz	110 V 132 V 0.8 1.1 640 VA 640 VA 730 VA 0.48 0.48 0.38 46 VA 46 VA 56 VA 0.23 0.23 0.23 0.24 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 	8 A
at 125 V rated value	6 A
at 220 V rated value	2 A
at 600 V rated value	0.4 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	2.4 A
at 125 V rated value	2.1 A
at 220 V rated value	1.1 A
• at 600 V rated value	0.21 A
UL/CSA ratings	0.21 A
contact rating of auxiliary contacts according to UL	A600 / P600
	700071 000
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
 — with type of coordination 1 required 	3NE1332-4D (400 A) (750 V, 6 kA)
— with type of assignment 2 required	3NE1332-4D (400 A) (750 V, 6 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
factor in a weeth ord	and backward by +/- 22.5° on vertical mounting surface
fastening method	screw fixing
height	240 mm
width	135 mm
depth	204 mm
required spacing	
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 mounting— forwards— backwards	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 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 70 mm 0 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 at the side downwards 	0 mm 10 mm 10 mm 10 mm 70 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 70 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 	0 mm 10 mm 10 mm 10 mm 70 mm 0 mm 10 mm 10 mm 10 mm
 with side-by-side mounting	0 mm 10 mm 10 mm 10 mm 70 mm 0 mm 10 mm 10 mm 10 mm 10 mm
 with side-by-side mounting	0 mm 10 mm 10 mm 10 mm 70 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 70 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 — at the side — downwards — forwards — backwards — backwards — backwards — upwards — downwards — at the side 	0 mm 10 mm 10 mm 10 mm 70 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 — downwards — at the side Connections/ Terminals	0 mm 10 mm 10 mm 10 mm 70 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 — forwards — backwards — backwards — at the side — connections/ Terminals type of electrical connection	0 mm 10 mm 10 mm 10 mm 70 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 — forwards — backwards — upwards — at the side — connections/ Terminals type of electrical connection • for main current circuit	0 mm 10 mm 10 mm 10 mm 70 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 — downwards — at the side — downwards — 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 70 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 — 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	0 mm 10 mm 10 mm 10 mm 70 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 70 mm 0 mm 10 mm 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 70 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm comm 10 mm comm comm comm comm comm comm comm c
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 70 mm 0 mm 10 mm 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



Type Examination Certificate tificate

Miscellaneous

Special Test Certific-

Type Test Certificates/Test Report

other

Railway

Dangerous goods

Environment

Confirmation

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=3TC5217-0BF0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TC5217-0BF0

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

https://support.industry.siemens.com/cs/ww/en/ps/3TC5217-0BF0

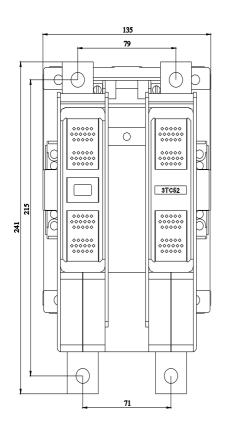
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

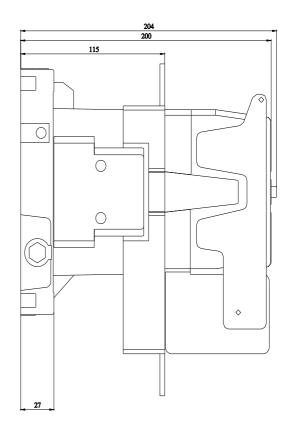
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TC5217-0BF0&lang=en

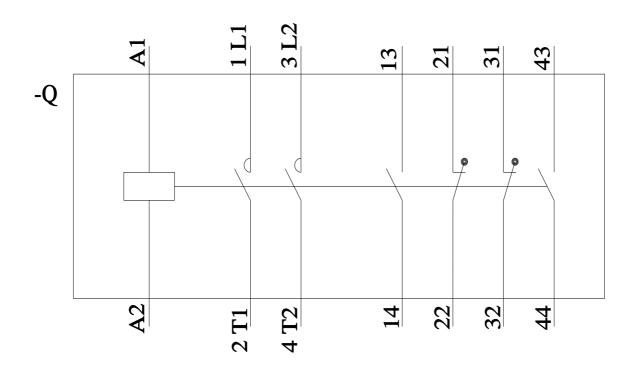
Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3TC5217-0BF0/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TC5217-0BF0&objecttype=14&gridview=view1







last modified: 8/20/2024 🖸

