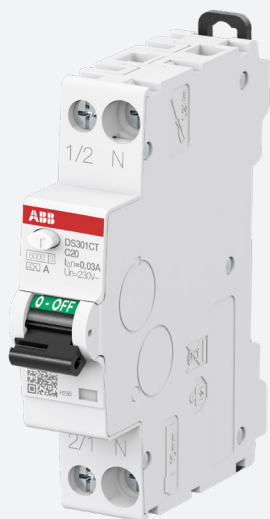


# RCBO DS301C T

## Data sheet



The 1P+N DS301C T is the perfect and dedicated solution for a complete protection against overcurrent and earth fault currents in the railways applications.

In one module width, the series ensures where space is missing, the safety of people, facilities and related equipment.

DS301C T is a 1P+N RCBO compliant to product standard IEC/EN 61009 and with the following main technical features:

- Breaking capacity 6 kA
- Type A
- Sensitivity 30 mA
- Tripping characteristics B—C
- Rated current from 6 to 20 A

### Application benefits

- Half space versus conventional RCBO for reducing enclosure size or extend the number of circuit with the same space
- Supply possible both from top and bottom with cable up to 16 mm<sup>2</sup> cables and 10 mm<sup>2</sup> busbars
- Easy troubleshooting and reduced downtime for maintenance operations thanks to the earth fault indicator (blue flag below the toggle) and contact position indicator (CPI) on the toggle
- Family feeling in the System pro M compact® range

## RCBO DS301C T

Slim solutions for a complete protection



DS301CT			
Electrical features	Standards		IEC/EN 61009-1; IEC/EN 61009-2-1
	Type (wave form of the earth leakage sensed)		A
	Number of poles		1P + N (1 pole protected)
	Rated current $I_n$	A	$6 \leq I_n \leq 20$
	Rated sensitivity $I_{\Delta n}$	A	0.03
	Rated voltage $U_e$	V	230-240
	Insulation voltage $U_i$	V	500 V AC
	Overvoltage category		III
	Pollution degree		2
	Operating voltage of circuit test $U_t$	V	170
	Rated frequency	Hz	50
	Rated breaking capacity acc. To IEC/EN 61009-1	$I_{cn}$ A	6000
	Rated breaking capacity ultimate $I_{cu}$	kA	6
	acc. To IEC/EN 60947-2 (only referring to short circuit test) service $I_{cs}$	kA	6
	Rated residual breaking capacity IDM IDM according to EN 61009-1	A	6000 A (4500 A for $I_n$ 20 A)
	Rated residual breaking capacity IDM IDM according to IEC 61009-1	A	4500 A (3000 A for $I_n$ 20 A)
	Rated impulse withstand voltage (1.2/50) $U_{imp}$	KV	4
	Dielectric test voltage at ind. Freq. For 1 min.		2.5 (50 Hz, 1 min).
	Thermomagnetic release—	B: $3 I_n \leq I_n \leq 5 I_n$	■
	Characteristic	C: $5 I_n \leq I_n \leq 10 I_n$	■
	Energy limiting class acc. To EN 61009-1		3
	Surge current resistance (wave 8/20μs)		NA
	Powerloss (average per pole)	W	1.42
Mechanical features	Housing		Insulation group 1-II, RAL 7035
	Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions
	Contact position indication		On toggle
	Earth fault trip indication		Blue flag window
	Electrical life	operations	7000
	Mechanical life	operations	7000
	Protection degree acc. To EN 60529	housing	IP4X
		terminals	IP2X
	Shock resistance acc. To IEC/EN 60068-2-27		25g—2 shocks—13ms
	Vibration resistance acc. To IEC/EN 60068-2-6		0.1 mm or 1 g—20 cycles at 5...150...5 Hz Category 1, Class B according to IEC 61373
	Environmental conditions (damp heat) acc. IEC/EN 60068-2-30	°C/RH	28 cycles with 55°C/90-96% and 25°C/95-100%
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average $\leq +35^\circ\text{C}$ )		-25...+55
	Storage temperature		-40...+70

## RCBO DS301C T

Slim solutions for a complete protection



DS301CT			
Installation	Terminal type	top / bottom	Failsafe bi-directional cylinder-lift terminal (shock protected)
	Terminal size for cables	top / bottom	mm <sup>2</sup> 16/16
	Terminal size for busbars	top / bottom	mm <sup>2</sup> 10/10
	Tightening torque	top / bottom	Nm 1.2
	Stripping length of the cable	mm	10
	Mounting		on DIN rail EN 60715 (35 mm) by means of mounting clip
	Mounting position		Any
Dimension and weight	Supply from		Top/Bottom terminals
	Dimensions (H x D x W)	mm	92 x 68 x 17.6
Combination with auxiliary elements	Weight	g	110
	Combinable with accessories and auxiliaries	Auxiliary contact	No
		Signal contact / auxiliary contact	No
		Shunt trip	No
		Auxiliary contact for bottom fitting	No
		Undervoltage release	No
		Overvoltage release	No
		Motor operating device	No

## RCBO DS301C T

DS301C T 6000 A  type, B characteristic



DS301CT B16 A30

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contact and additional protection against direct contact ( $I_{\Delta n} = 30 \text{ mA}$ ). This series is dedicated to traction and meet the hazard level R22,R23 and R26/HL3.

**Application: Traction.**

**Standard: IEC 61009-1; IEC 61009-2-1; EN45545-2:2013+A1:2015**

**$I_{cn} = 6000 \text{ A}$**

No. of poles	Rated residual current $I_{\Delta n} \text{ mA}$	Rated current $I_n \text{ A}$	Bbn 8012542  EAN	Order details		Price 1 piece	Weight 1 piece	Pack unit
				Type code	Order code			
1+N	30	6	362555	DS301CT B6 A30	2CSR255164R1065		0.1	1
1+N	30	10	362654	DS301CT B10 A30	2CSR255164R1105		0.1	1
1+N	30	13	362753	DS301CT B13 A30	2CSR255164R1135		0.1	1
1+N	30	16	362852	DS301CT B16 A30	2CSR255164R1165		0.1	1
1+N	30	20	362951	DS301CT B20 A30	2CSR255164R1205		0.1	1

DS301C T 6000 A  type, C characteristic



DS301CT C16 A30

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contact and additional protection against direct contact ( $I_{\Delta n} = 30 \text{ mA}$ ). This series is dedicated to traction and meet the hazard level R22,R23 and R26/HL3.

**Application: Traction.**

**Standard: IEC 61009-1; IEC 61009-2-1; EN45545-2:2013+A1:2015**

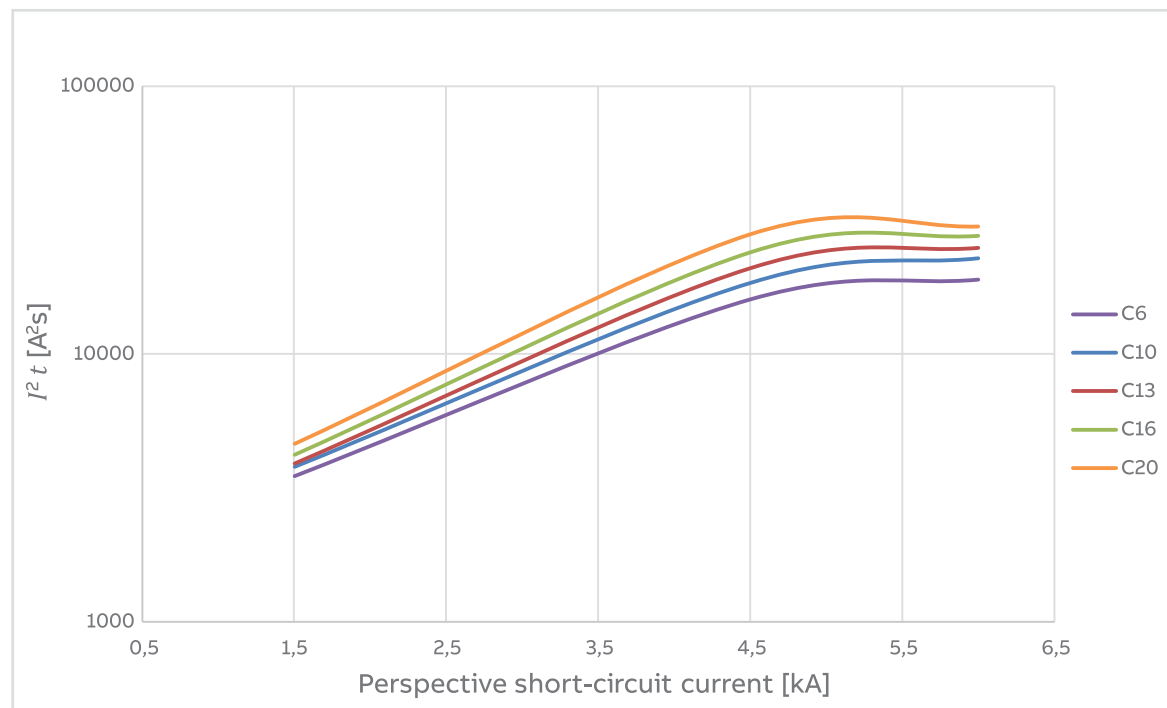
**$I_{cn} = 6000 \text{ A}$**

No. of poles	Rated residual current $I_{\Delta n} \text{ mA}$	Rated current $I_n \text{ A}$	Bbn 8012542  EAN	Order details		Price 1 piece	Weight 1 piece	Pack unit
				Type code	Order code			
1+N	30	6	363057	DS301CT C6 A30	2CSR255164R1064		0.1	1
1+N	30	10	363156	DS301CT C10 A30	2CSR255164R1104		0.1	1
1+N	30	13	363255	DS301CT C13 A30	2CSR255164R1134		0.1	1
1+N	30	16	363354	DS301CT C16 A30	2CSR255164R1164		0.1	1
1+N	30	20	363453	DS301CT C20 A30	2CSR255164R1204		0.1	1

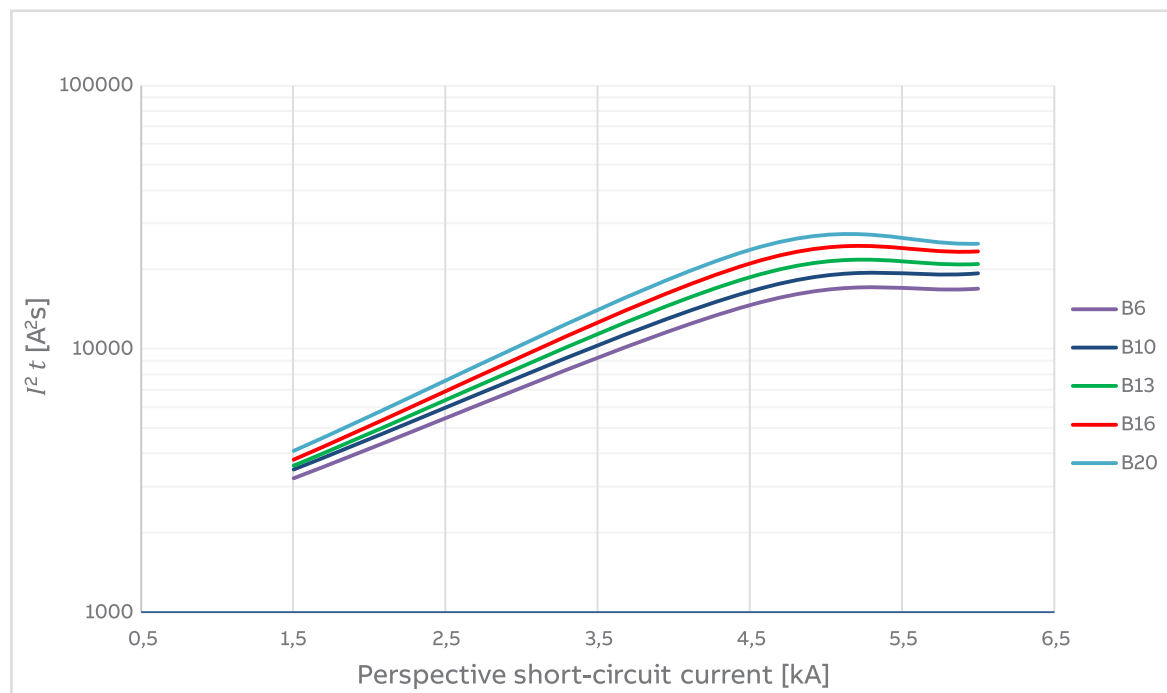
## RCBO DS301C T

### Technical data

#### Specific let-through energy $I^2t$ DS301C T—Characteristic C



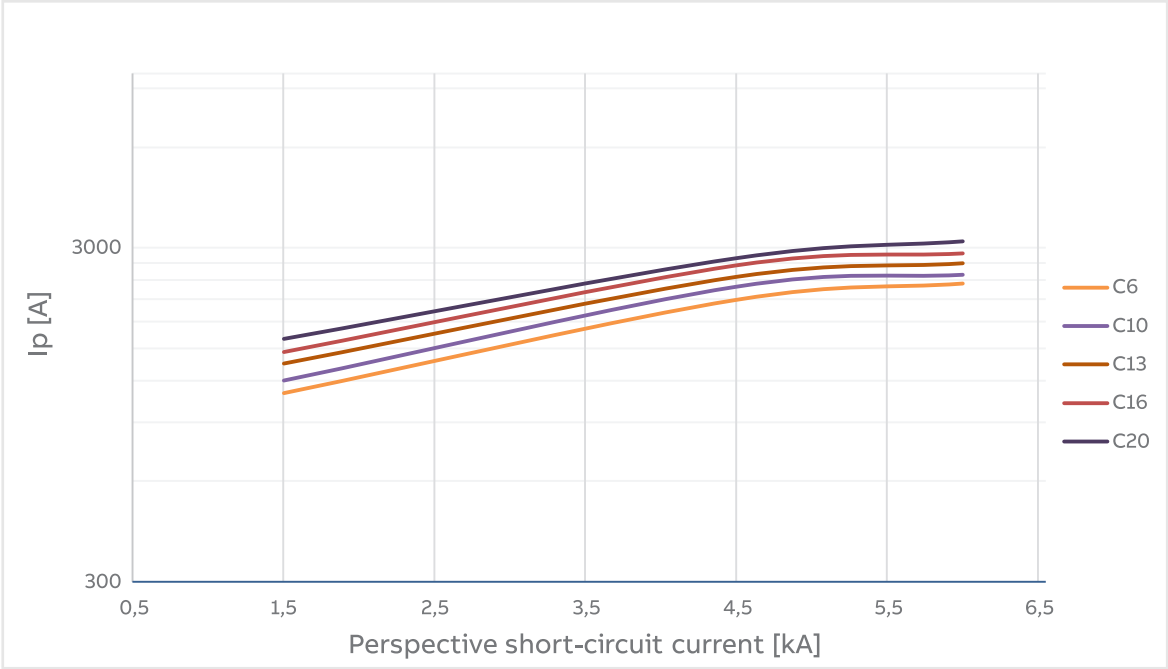
#### Specific let-through energy $I^2t$ DS301C T—Characteristic B



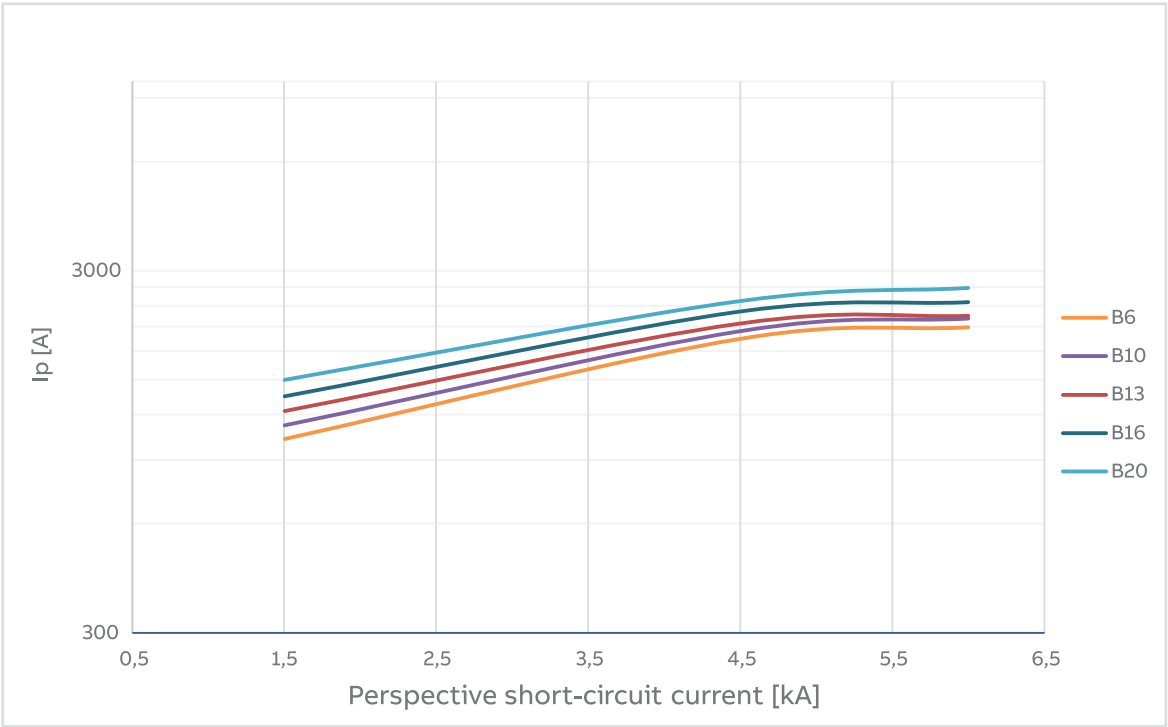


**RCBO DS301C T**  
Technical data

**I<sub>peak</sub> DS301C T—Characteristic C**



**I<sub>peak</sub> DS301C T—Characteristic B**

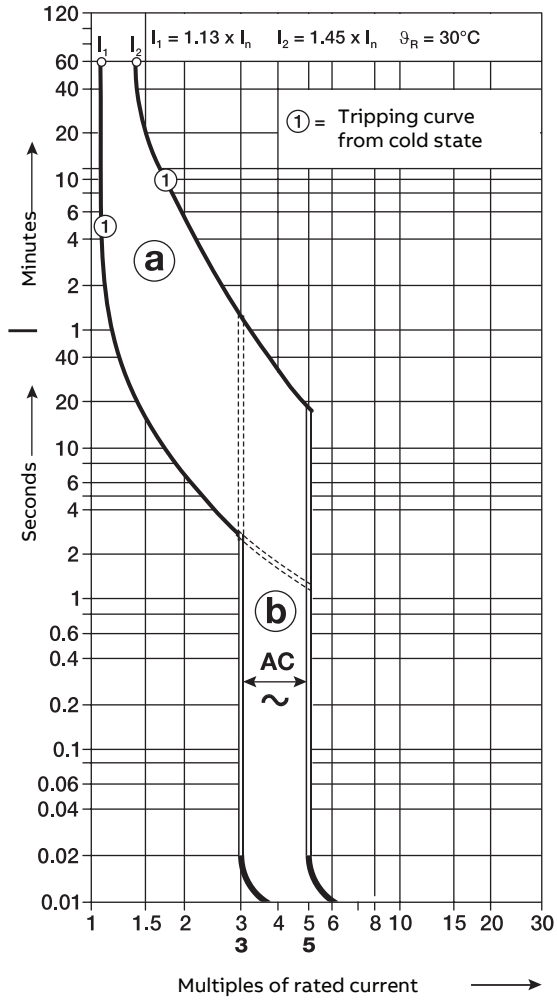


## RCBO DS301C T

### Technical data

#### Tripping characteristics B

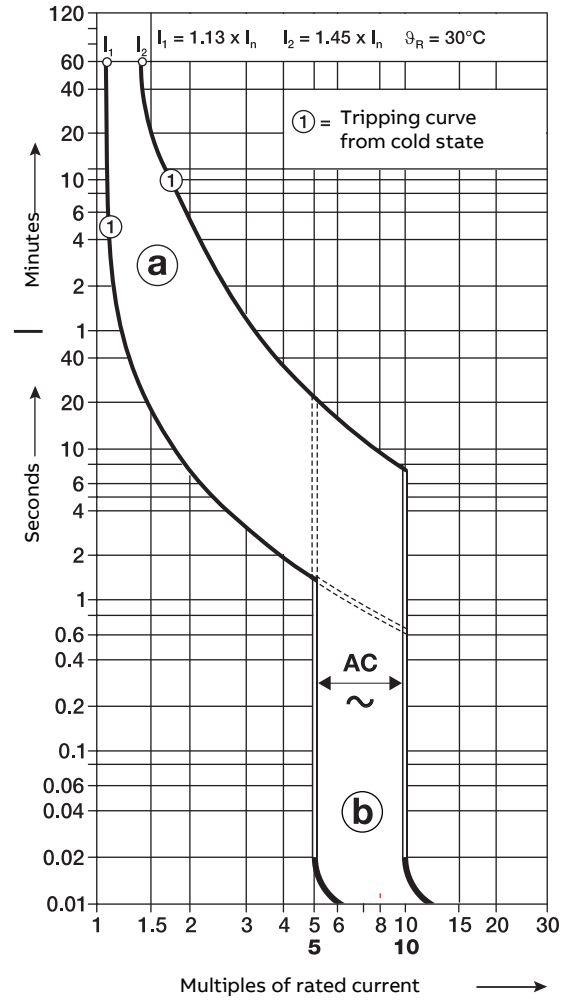
IEC/EN 61009-1



a: thermal trip  
b: electromagnetic trip

#### Tripping characteristics C

IEC/EN 61009-1



a: thermal trip  
b: electromagnetic trip



RCBO DS301C T

Technical data

Performance in altitude

Elevation [m]	2000	3000	4000	5000	6000
Rated Current [A]	1 x In	0.96 x In	0.94 x In	0.92 x In	0.90 x In
Rated Voltage [V]	1 x Un	0.877 x Un	0.775 x Un	0.676 x Un	0.588 x Un

Derating in temperature

Max operating current depending on the ambient temperature (daily average ≤ 35°C) of cha-racteristics type B and C.

In	Temperature (°C)											
	-25	-20	-10	0	10	20	30	40	50	55	60	70
6 A	8.3	7.8	7.3	7.0	6.7	6.3	6.0	6.0	5.9	5.8	5.7	5.7
10 A	13.8	13.5	12.7	12.1	11.0	10.4	10.0	9.5	9.2	9.0	8.9	8.8
13 A	17.8	17.1	16.5	15.8	14.8	13.9	13.0	12.4	12.2	12.0	11.9	11.8
16 A	20.6	19.9	19.0	18.4	17.7	16.6	16.0	15.4	15.0	14.8	14.6	14.5
20 A	25.8	24.8	23.5	22.9	21.9	20.8	20.0	19.4	18.7	18.2	18.0	17.9



## RCBO DS301C T

### Technical data

#### Influence of adjacent devices

Number of devices	1	3	5	7	9
Correction factor	1	0.9	0.85	0.81	0.79

#### Voltage Drop, power loss, internal resistance, own consumption

##### Charateristic B

In (A)	Voltage drop (V)	Powerloss (W)				Internal Resistance (mΩ)
		Average per pole	Phase pole	Neutral pole	Total	
6 A	0.4	1.10	2.1	0.1	2.2	61.0
10 A	0.3	1.30	2.35	0.25	2.6	26.0
13 A	0.2	1.24	2.12	0.35	2.47	14.6
16 A	0.0	1.42	2.11	0.72	2.83	11.1
20 A	0.2	1.83	2.88	0.78	3.66	9.2

##### Characteristic C

In (A)	Voltage drop (V)	Powerloss (W)				Internal Resistance (mΩ)
		Average per pole	Phase pole	Neutral pole	Total	
6 A	0.3	0.78	1.47	0.09	1.56	43.3
10 A	0.2	0.75	1.25	0.25	1.5	15.0
13 A	0.2	1.13	1.95	0.3	2.25	13.3
16 A	0.2	1.24	1.84	0.65	2.48	9.7
20 A	0.2	1.70	2.6	0.8	3.4	8.5

## RCBO DS301C T

### Coordination tables: back-up DS301C T

#### Fuses - RCBOs DS301C T @230/240 V

				Supply side					
				Fuses gG					
Load side	Char	Icu (kA)	In (A)	25	40	50	63	80	100
RCBOs DS301C T	B, C	6	6...20	10	10	10	10	10	10

#### MCCB Tmax XT @ 415 V - RCBOs DS301C T @230/240 V

				Supply side															
				Version	B	C	N	N	N	N	S	S	S	S	H	H	H	L	L
				Icu (kA)	18	25	36	36	36	36	50	50	50	50	70	70	70	120	120
Load side	Char	Icu (kA)	In (A)	160	160	160	160	250	250	160	160	250	250	160	160	250	160	250	250
RCBOs DS301C T	B, C	6	6...20	16	20	23	23	10	16	23	23	10	16	23	23	16	23	16	23

#### S200 - RCBOs DS301C T @230/240 V

				Supply side		S200	S200M	S200P	S200P
				Version		B, C	B, C	B, C	B, C
				Icu (kA)		20	25	40	25
Load side	Char	Icu (kA)	In (A)	0,5... 63		0,5... 63	0,5... 63	0,5... 25	32... 63
RCBOs DS301C T	B, C	6	6...20	10		10	10	10	10

#### RCBOs DS301C T @230/240 V - SN201 @ 230/240V

				Supply side		SN201	SN201M
				Version		B, C, D	B, C
				Icu (kA)		10	10
Load side	Char	Icu (kA)	In (A)	2... 40		2... 40	2... 40
RCBOs DS301C T	B, C	6	6...20	10		10	10

#### S800S - RCBOs DS301C T @230/240 V

				Supply side		S800S					
				Version		B, C, D, K					
				Icu (kA)		35					
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	30	25	18	18	18	15	15	15
			10	30	25	18	18	18	15	15	15
			13	30	25	18	18	18	15	15	15
			16	30	25	18	18	18	15	15	15
			20		25	18	18	18	15	15	15

#### S800N - RCBOs DS301C T @230/240 V

				Supply side		S800N					
				Version		B, C, D					
				Icu (kA)		36					
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	30	25	18	18	18	15	15	15
			10	30	25	18	18	18	15	15	15
			13	30	25	18	18	18	15	15	15
			16	30	25	18	18	18	15	15	15
			20		25	18	18	18	15	15	15

## RCBO DS301C T

Coordination tables: back-up DS301C T

### S800C - RCBOs DS301C T @230/240 V

			Supply side	S800C							
			Version	B, C, D, K							
			Icu (kA)	25							
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	25	25	18	18	18	15	15	15
			10	25	25	18	18	18	15	15	15
			13	25	25	18	18	18	15	15	15
			16	25	25	18	18	18	15	15	15
			20		25	18	18	18	15	15	15

### S800B - RCBOs DS301C T @230/240 V

			Supply side	S800B							
			Version	B, C, D, K							
			Icu (kA)	16							
Load side	Char	Icu (kA)	In (A)	32	40	50	63	80	100	125	
RCBOs DS301C T	B, C	6	6	15	15	15	15	15	15	15	15
			10	15	15	15	15	15	15	15	15
			13	15	15	15	15	15	15	15	15
			16	15	15	15	15	15	15	15	15
			20	15	15	15	15	15	15	15	15

### S800U - RCBOs DS301C T @230/240 V

			Supply side	S800 U								
			Version	K, Z								
			Icu (kA)	50								
Load side	Char	Icu (kA)	In (A)	25	30	40	50	60	70	80	90	100
RCBOs DS301C T	B, C	6	6	50	50	40	40	40	30	30	25	25
			10	50	50	40	40	40	30	30	25	25
			13	50	50	40	40	40	30	30	25	25
			16		50	40	40	40	30	30	25	25
			20		50	40	40	40	30	30	25	25

## RCBO DS301C T

Coordination tables: back-up DS301C T

S750 DR - RCBOs DS301C T @230/240 V

			Supply side	S750 DR								
			Version	Eselective, Kselective								
			Icu (kA)	25								
Load side	Char	Icu (kA)	In (A)	16	20	25	32	40	50	63	80	100
RCBOs DS301C T	B, C	6	6	25	25	25	25	22	22	22	22	22
			10	25	25	25	25	22	22	22	22	22
			13		25	25	25	22	22	22	22	22
			16			25	25	22	22	22	22	22
			20				25	22	22	22	22	22

S750 - RCBOs DS301C T @230/240 V

			Supply side	S750								
			Version	Eselective, Kselective								
			Icu (kA)	25								
Load side	Char	Icu (kA)	In (A)	16	20	25	32	40	50	63		
RCBOs DS301C T	B, C	6	6	25	25	25	25	22	22	22		
			10	25	25	25	25	22	22	22		
			13		25	25	25	22	22	22		
			16			25	25	22	22	22		
			20				25	22	22	22		

# RCBO DS301C T

## Coordination tables: selectivity DS301C T

MCCB Tmax XT1 @ 415 V - RCBOs DS301C T @230/240 V

			Supply side		XT1									
			Version		B, C, N, S, H									
			Release		TM									
Load side	Char	Icu (kA)	In (A)	16	20	25	32	40	50	63	80	100	125	160
RCBOs DS301C T	B, C	6	6	3	3	3	3	3	3	3	3	3	3	3
			10			3	3	3	3	3	3	3	3	3
			13				3	3	3	3	3	3	3	3
			16					3	3	3	3	3	3	3
			20						3	3	3	3	3	3

MCCB Tmax XT2 @ 415 V - RCBOs DS301C T @230/240 V

			Supply side	XT2															
			Version	N, S, H, L, V															
			Release	TM												EL			
Load side	Char	Icu (kA)	In (A)	16	20	25	32	40	50	63	80	100	125	160	10	25	63	100	160
RCBOs DS301C T	B, C	6	6	T	T	T	T	T	T	T	T	T	T	T		T	T	T	T
			10		3	3	3	3	4.5	T	T	T	T	T			T	T	T
			13				3	3	4.5	T	T	T	T	T			T	T	T
			16				3	3	4.5	T	T	T	T	T			T	T	T
			20				3	3	3	T	T	T	T	T			T	T	T

MCCB Tmax XT3 @ 415 V - RCBOs DS301C T @230/240 V

			Supply side		XT3							
			Version		N, S							
			Release		TM							
Load side	Char	Icu (kA)	In (A)	63	80	100	125	160	200	250		
RCBOs DS301C T	B, C	6	6	1.5	4.5	4.5	4.5	4.5	4.5	4.5		
			10	1.5	4.5	4.5	4.5	4.5	4.5	4.5		
			13	1.5	4.5	4.5	4.5	4.5	4.5	4.5		
			16	1.5	4.5	4.5	4.5	4.5	4.5	4.5		
			20	1.5	4.5	4.5	4.5	4.5	4.5	4.5		

MCCB Tmax XT4 @ 415 V - RCBOs DS301C T @230/240 V

			Supply side	XT4																		
			Version	N, S, H, L, V																		
			Release	TM																EL		
Load side	Char	Icu (kA)	In (A)	16	20	25	32	40	50	63	80	100	125	160	200	225	250	40	63	100	160	250
RCBOs DS301C T	B, C	6	6	3	3	3	3	3	3	T	T	T	T	T	T	T	T	T	T	T	T	T
			10	3	3	3	3	3	T	T	T	T	T	T	T	T	T	T	T	T	T	
			13				3	3	3	T	T	T	T	T	T	T	T	T	T	T	T	T
			16				3	3	3	T	T	T	T	T	T	T	T	T	T	T	T	T
			20				3	3	3	T	T	T	T	T	T	T		T	T	T	T	

## RCBO DS301C T

### Coordination tables: selectivity DS301C T

S800N / S800S (Char B) - RCBOs DS301C T @230/240 V

				Supply side	S800N / S800S						
				Version	B						
				Release	36 / 50						
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6				0.2	0.2	0.5	0.5	0.5
			10				0.2	0.2	0.5	0.5	0.5
			13					0.2	0.5	0.5	0.5
			16					0.2	0.5	0.5	0.5
			20						0.5	0.5	0.5

S800N / S800S (Char C) - RCBOs DS301C T @230/240 V

				Supply side	S800N / S800S						
				Version	C						
				Release	36 / 50						
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6			0.2	0.2	0.5	0.5	0.5	0.5
			10			0.2	0.2	0.5	0.5	0.5	0.5
			13				0.2	0.5	0.5	0.5	0.5
			16				0.2	0.5	0.5	0.5	0.5
			20					0.5	0.5	0.5	0.5

S800N / S800S (Char D) - RCBOs DS301C T @230/240 V

				Supply side	S800N / S800S						
				Version	D						
				Release	36 / 50						
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	0.4	0.4	0.4	0.4	1	1	1	3
			10	0.4	0.4	0.4	0.4	1	1	1	3
			13		0.4	0.4	0.4	1	1	1	3
			16		0.4	0.4	0.4	1	1	1	3
			20			0.4	0.4	1	1	1	3

S800C (Char B) - RCBOs DS301C T @230/240 V

				Supply side	S800C						
				Version	B						
				Release	25						
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6				0.2	0.4	0.5	0.5	1
			10				0.2	0.4	0.5	0.5	1
			13				0.2	0.2	0.5	0.5	1
			16					0.2	0.5	0.5	1
			20						0.5	0.5	1

## RCBO DS301C T

### Coordination tables: selectivity DS301C T

S800C (Char C) - RCBOs DS301C T @230/240 V

			Supply side	S800C							
			Version	C							
			Release	25							
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6			0.2	0.4	0.5	0.5	1	2
			10			0.2	0.4	0.5	0.5	1	2
			13			0.2	0.2	0.5	0.5	1	2
			16				0.2	0.5	0.5	1	2
			20					0.5	0.5	1	2

S800C (Char D) - RCBOs DS301C T @230/240 V

			Supply side	S800C							
			Version	D							
			Release	25							
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	0.4	0.4	0.6	0.6	1	1	1.5	3
			10	0.4	0.4	0.6	0.6	1	1	1.5	3
			13		0.2	0.6	0.6	1	1	1.5	3
			16		0.2	0.6	0.6	1	1	1.5	3
			20			0.6	0.6	1	1	1.5	3

S800C (Char K) - RCBOs DS301C T @230/240 V

			Supply side	S800C							
			Version	K							
			Release	25							
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	0.4	0.4	0.6	0.6	1	1	1.5	3
			10	0.4	0.4	0.6	0.6	1	1	1.5	3
			13		0.2	0.6	0.6	1	1	1.5	3
			16		0.2	0.6	0.6	1	1	1.5	3
			20			0.6	0.6	1	1	1.5	3

S800S (Char K) - RCBOs DS301C T @230/240 V

			Supply side	S800S							
			Version	K							
			Release	36 / 50							
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	0.2	0.4	0.6	0.6	1	2	2	2
			10	0.2	0.4	0.6	0.6	1	2	2	2
			13		0.4	0.6	0.6	1	2	2	2
			16		0.4	0.6	0.6	1	2	2	2
			20			0.6	0.6	1	2	2	2

## RCBO DS301C T

### Coordination tables: selectivity DS301C T

S800B (Char B) - RCBOs DS301C T @230/240 V

			Supply side	S800B						
			Version	B						
			Release	16						
Load side	Char	Icu (kA)	In (A)	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6		0.2	0.2	0.2	0.5	1	2
			10		0.2	0.2	0.2	0.5	1	2
			13		0.2	0.2	0.2	0.5	1	2
			16			0.2	0.2	0.5	1	2
			20				0.2	0.5	1	2

S800B (Char C) - RCBOs DS301C T @230/240 V

			Supply side	S800B						
			Version	C						
			Release	16						
Load side	Char	Icu (kA)	In (A)	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6		0.2	0.2	0.2	0.5	1	2
			10		0.2	0.2	0.2	0.5	1	2
			13		0.2	0.2	0.2	0.5	1	2
			16			0.2	0.2	0.5	1	2
			20				0.2	0.5	1	2

S800B (Char D) - RCBOs DS301C T @230/240 V

			Supply side	S800B						
			Version	D						
			Release	16						
Load side	Char	Icu (kA)	In (A)	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	0.5	0.5	0.5	0.5	1.5	1.5	3
			10	0.5	0.5	0.5	0.5	1.5	1.5	3
			13	0.5	0.5	0.5	0.5	1.5	1.5	3
			16	0.5	0.5	0.5	0.5	1.5	1.5	3
			20		0.5	0.5	0.5	1.5	1.5	3

S800B (Char K) - RCBOs DS301C T @230/240 V

			Supply side	S800B						
			Version	K						
			Release	16						
Load side	Char	Icu (kA)	In (A)	32	40	50	63	80	100	125
RCBOs DS301C T	B, C	6	6	0.5	0.5	0.5	0.5	1.5	1.5	3
			10	0.5	0.5	0.5	0.5	1.5	1.5	3
			13	0.5	0.5	0.5	0.5	1.5	1.5	3
			16	0.5	0.5	0.5	0.5	1.5	1.5	3
			20		0.5	0.5	0.5	1.5	1.5	3



## RCBO DS301C T

### Coordination tables: selectivity DS301C T

#### S800U (Char K) - RCBOs DS301C T @230/240 V

			Supply side	S800U								
			Version	K								
			Release	16								
Load side	Char	Icu (kA)	In (A)	25	30	40	50	60	70	80	90	100
RCBOs DS301C T	B, C	6	6	0.4	0.4	0.6	0.6	0.6	0.6	1.5	1.5	1.5
			10	0.4	0.4	0.6	0.6	0.6	0.6	1.5	1.5	1.5
			13		0.2	0.6	0.6	0.6	0.6	1.5	1.5	1.5
			16		0.2	0.6	0.6	0.6	0.6	1.5	1.5	1.5
			20			0.6	0.6	0.6	0.6	1.5	1.5	1.5

#### S750 DR - RCBOs DS301C T @230/240 V

			Supply side	S750 DR								
			Version	Eselective, Kselective								
			Release	25								
Load side	Char	Icu (kA)	In (A)	16	20	25	35	40	50	63	80	100
RCBOs DS301C T	B, C	6	6	T	T	T	T	T	T	T	T	T
			10	T	T	T	T	T	T	T	T	T
			13		T	T	T	T	T	T	T	T
			16			T	T	T	T	T	T	T
			20				T	T	T	T	T	T

#### S750 - RCBOs DS301C T @230/240 V

			Supply side	S750								
			Version	Eselective, Kselective								
			Release	25								
Load side	Char	Icu (kA)	In (A)	16	20	25	35	40	50	63		
RCBOs DS301C T	B, C	6	6	T	T	T	T	T	T	T		
			10	T	T	T	T	T	T	T		
			13		T	T	T	T	T	T		
			16			T	T	T	T	T		
			20				T	T	T	T		

#### Fuses - RCBOs DS301C T @230/240 V

			Supply side	Fuses gG								
			Version									
			Release									
Load side	Char	Icu (kA)	In (A)	25	32	40	50	63	80	100	125	
RCBOs DS301C T	B, C	6	6	1.5	1.5	1.5	3	T	T	T	T	
			10		1.5	1.5	3	T	T	T	T	
			13		1.5	1.5	3	4.5	T	T	T	
			16		1.5	1.5	3	4.5	T	T	T	
			20		1.5	1.5	3	4.5	T	T	T	

## RCBO DS301C T

### Accessories



#### Locking devices for RCBO DS301C T

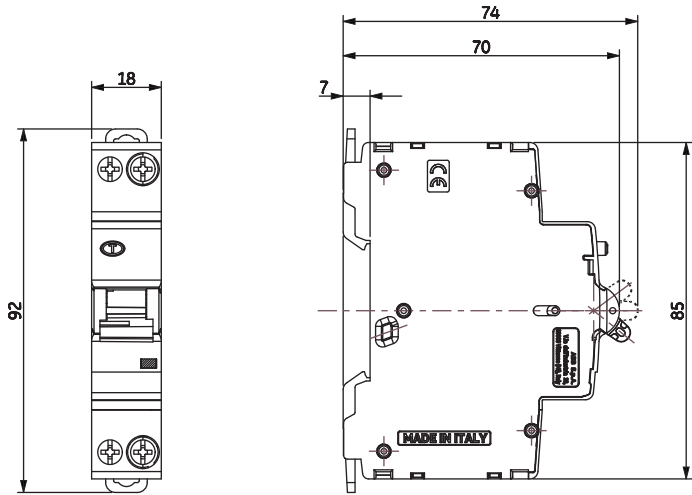
The locking devices prevent unauthorized or dangerous operation of circuit breakers' switching lever. An adaptor (SA 1) makes it possible to block the circuit breaker lever with a padlock having cross bar section or either 3 or 6mm max. For multipole configuration it is sufficient to apply a single lock. The lock adaptor can be used for all RCBO DS301C T. To purchase multiple padlocks that all have the same key use SA 2 i. To purchase padlocks that each have a different key use SA 2

		Bbn 4016779	Order details		Price 1 piece	Weight 1 piece	Pack unit
		EAN	Type code	Order code		kg	pc.
locking devices adaptor for padlock bar	3 mm	58760 5	SA 1	GJF1101903R0001		0.004	10
	6 mm	58790 2	SA 1E	GJF1101903R0004		0.004	10
padlock with 2 keys	10	58770 4	SA 2	GJF1101903R0002		0.02	10
padlock, with 2 identical keys	13	96940 1	SA 2i	GJF1109999R0001		0.02	10
transparent box incl. adaptor and padlock with 3 keys	16	58780 3	SA 3	GJF1101903R0003		0.05	10

# RCBO DS301C T

## Dimensions

**Overall dimensions**  
All measurements in mm



**Main connection**

