

# Mini contactors CTX<sup>3</sup>

6 to 16 A industrial contactors



# Thermal relays and accessories

for CTX<sup>3</sup> mini contactors



4 170 00



4 170 01



4 170 88



4 171 55

Dimensions p. 181

Dimensions p. 181  
Tripping curves [see e-catalogue](#)

Pack	Cat. Nos		3-pole mini contactors		
	Integrated auxiliary contact		With integrated auxiliary contact Power terminals: screw terminals		
	1 NO	1 NC	<b>6 A (AC3)</b>		
1	4 170 00	4 170 10	3-phase motor 400/415 V	Control Voltage	
1	4 170 01	4 170 11	2.2 kW	24 V~	
1	4 170 04	4 170 14	2.2 kW	24 V=	
1	4 170 06	4 170 16	2.2 kW	110 V~	
1	4 170 09	4 170 19	2.2 kW	230 V~	
1			2.2 kW	415 V~	
			<b>9 A (AC3)</b>		
1	4 170 20	4 170 30	4 kW	24 V~	
1	4 170 21	4 170 31	4 kW	24 V=	
1	4 170 24	4 170 34	4 kW	110 V~	
1	4 170 26	4 170 36	4 kW	230 V~	
1	4 170 29	4 170 39	4 kW	415 V~	
			<b>12 A (AC3)</b>		
1	4 170 40	4 170 50	5.5 kW	24 V~	
1	4 170 41	4 170 51	5.5 kW	24 V=	
1	4 170 44	4 170 54	5.5 kW	110 V~	
1	4 170 46	4 170 56	5.5 kW	230 V~	
1	4 170 49	4 170 59	5.5 kW	415 V~	
			<b>16 A (AC3)</b>		
1	4 170 60	4 170 70	7.5 kW	24 V~	
1	4 170 61	4 170 71	7.5 kW	24 V=	
1	4 170 64	4 170 74	7.5 kW	110 V~	
1	4 170 66	4 170 76	7.5 kW	230 V~	
1	4 170 69	4 170 79	7.5 kW	415 V~	
			<b>4-pole mini contactors</b>		
			Without integrated auxiliary contact Power terminals: screw terminals		
			<b>20 A</b>		
			Max. operating current AC 1	Max. operating current AC 3	Control Voltage
1	4 171 40		20 A	16 A	24 V~
1	4 171 41		20 A	16 A	24 V=
1	4 171 44		20 A	16 A	110 V~
1	4 171 46		20 A	16 A	230 V~
1	4 171 49		20 A	16 A	415 V~

Pack	Cat. Nos	Thermal overload relays for 3-pole mini contactors	
		Class 10A Integrated auxiliary contacts 1 NO + 1 NC	
1	4 170 80	0.16 A	
1	4 170 81	0.25 A	
1	4 170 82	0.40 A	
1	4 170 83	0.63 A	
1	4 170 84	1 A	
1	4 170 85	1.6 A	
1	4 170 86	2.5 A	
1	4 170 87	4 A	
1	4 170 88	6 A	
1	4 170 89	8 A	
1	4 170 90	9 A	
1	4 170 91	10 A	
1	4 170 92	13 A	
1	4 170 93	16 A	

Pack	Cat. Nos	Add on auxiliary blocks for mini contactors	
		I <sub>th</sub> : 10 A	
		<b>Front mounting</b>	
15	4 171 50	1 NO + 1 NC	
15	4 171 51	2 NO	
15	4 171 52	2 NC	
15	4 171 53	4 NO	
15	4 171 54	3 NO + 1 NC	
15	4 171 55	2 NO + 2 NC	
15	4 171 56	1 NO + 3 NC	
15	4 171 57	4 NC	
		<b>Side mounting</b>	
20	4 171 58	1 NO	
20	4 171 59	1 NC	

Pack	Cat. Nos	Interlock Unit
5	4 171 60	Mechanical interlock for mini contactors

















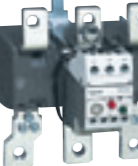

CTX<sup>3</sup> control relays  
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Spare coils  
please consult us

### 3-pole contactors CTX<sup>3</sup> and thermal overload relays RTX<sup>3</sup>

#### technical characteristics

																														
Contactor		CTX <sup>3</sup> mini				CTX <sup>3</sup> 22				CTX <sup>3</sup> 40		CTX <sup>3</sup> 65		CTX <sup>3</sup> 100			CTX <sup>3</sup> 150		CTX <sup>3</sup> 225		CTX <sup>3</sup> 400			CTX <sup>3</sup> 800						
Size		-				2				3		4		5			6		7		8			9						
Terminals type		screw				screw				screw		screw or cage		screw or cage			screw or cage		screw		screw			screw						
Rated operational voltage, U <sub>e</sub>		690 V				690 V				690 V		690 V		690 V			690 V		690 V		690 V			690 V						
Rated insulation voltage, U <sub>i</sub>		690 V				690 V				1000 V		1000 V		1000 V			1000 V		1000 V		1000 V			1000 V						
Rated frequency		50/60 Hz				50/60 Hz				50/60 Hz		50/60 Hz		50/60 Hz			50/60 Hz		50/60 Hz		50/60 Hz			50/60 Hz						
Rated impulse withstand voltage, U <sub>imp</sub>		6 kV				6 kV				8 kV		8 kV		8 kV			8 kV		8 kV		8 kV			8 kV						
Max. operating rate in operation cycle per hour (AC-3)		1800				1800				1800		1800		1800			1200		1200		1200			1200						
Durability in millions of operations		Mechanical																												
		12				15				12		12		12			5		5		5			2.5						
		Electrical																												
		1				2.5				2		2		2			1		1		1			0.5						
		Type				9 A				32 A		50 A		75 A			130 A		185 A		265 A			500 A						
Current and power		AC-1		Thermal current (A)				20				25		70		110			160		230		300			580				
		AC-3		200/240 V (kW)		1.5				2.5		15		22		37			60		90		125			147				
				(A)		7				11		55		75		130			185		265		500			800				
				380/440 V (kW)		2.2				4		22		30		45			75		132		200			265				
				(A)		6				9		50		65		75			105		150		265			400				
				500/550 V (kW)		3				4		30		33		37			55		70		110			147				
				(A)		5				7		43		60		64			85		100		180		225			350		
				690 V (kW)		3				4		30		33		37			55		70		110			147				
				(A)		4				5		28		35		42			65		80		120			185				
				1000 V (kW)		-				-		22		22		30			30		75		75		147			220		
				(A)		-				-		17		17		23			23		53		53		105			280		
		UL rating 50/60 Hz		Continuous current (A)		20				25				50		70		110			160		230		300			580		
Single phase				110/220 V (HP)		1/2				0.5		2		3		5			7.5		10		15		-					
				220/240 V (HP)		1				1.5		5		7.5		15			20		25		30		-					
Three phase				200/208 V (HP)		-				2		7.5		15		25			30		40		60		75					
				220/240 V (HP)		1.5				3		10		15		25			30		40		60		75					
				440/480 V (HP)		3				5		20		30		40			50		75		100		125					
		550/600 V (HP)		3				5		25		30		40			50		75		100		125							
		NEMA size		00				00				1		2		2			3		4		5							
Weight and size		AC control		Weight (kg)				0.17				0.4		0.9		1.6			2.4		5.4		9.2							
				Size (W x H x D) (mm)		45 x 58 x 57				45 x 73.5 x 87.4				45 x 83 x 90		55 x 106 x 119			70 x 140 x 135.8		95 x 158 x 130.3		138 x 203 x 185.1							
				DC control		Weight (kg)				0.23				0.6		1.2		2.6			2.4		5.4		9.2					
				Size (W x H x D) (mm)		45 x 58 x 69				45 x 73.5 x 103.6				45 x 83 x 117.1		55 x 106 x 146.4			70 x 140 x 172.3		95 x 158 x 130.3		138 x 203 x 185.1							
		Integrated auxiliary contacts		1 NO or 1 NC				1 NO + 1 NC				2 NO + 2 NC		2 NO + 2 NC		2 NO + 2 NC			2 NO + 2 NC		2 NO + 2 NC		2 NO + 2 NC							
Add on auxiliary block		Side mounting		Yes				Yes				Yes		Yes		Yes			Yes		Yes		Yes							
		Front mounting		Yes				Yes				Yes		Yes		Yes			Yes		No		No							
Thermal overload relay		RTX <sup>3</sup> mini				RTX <sup>3</sup> 40				RTX <sup>3</sup> 40		RTX <sup>3</sup> 65		RTX <sup>3</sup> 100			RTX <sup>3</sup> 150		RTX <sup>3</sup> 225		RTX <sup>3</sup> 400			RTX <sup>3</sup> 800						
																														
Terminals type		-				screw				screw		screw		screw			screw		-		screw			screw						
		-				screw				screw		cage		cage			screw		-		screw			screw						
Rated operational voltage, U <sub>e</sub>		690 V				690 V				690 V		690 V		690 V			690 V		690 V		690 V			690 V						
Rated insulation voltage, U <sub>i</sub>		690 V				690 V				690 V		690 V		690 V			690 V		690 V		690 V			690 V						
Rated impulse withstand voltage, U <sub>imp</sub>		6 kV				6 kV				6 kV		6 kV		6 kV			6 kV		6 kV		6 kV			6 kV						
Trip class		10 A				10 A				10 A		10 A		10 A			10 A		10 A		10 A			10 A						
Setting		0.1 to 16 A				0.1 to 40 A				0.1 to 40 A		9 to 65 A		18 to 100 A			45 to 150 A		65 to 240 A		85 to 400 A			200 to 800 A						
Weight and size		Weight (kg)																												
		0.1				0.17				0.17		0.31/0.33		0.48/0.5			0.67		2.5		2.6			11.5						
		Size (W x H x D) (mm)																												
		45 x 73 x 63				45 x 75 x 90				45 x 75 x 90		55 x 81 x 100		70 x 97 x 110			95 x 109 x 113		147 x 141 x 184		151 x 171 x 198			360 x 530 x 212						

# Mini contactors CTX<sup>3</sup>

## technical characteristics and dimensions

### Environmental conditions

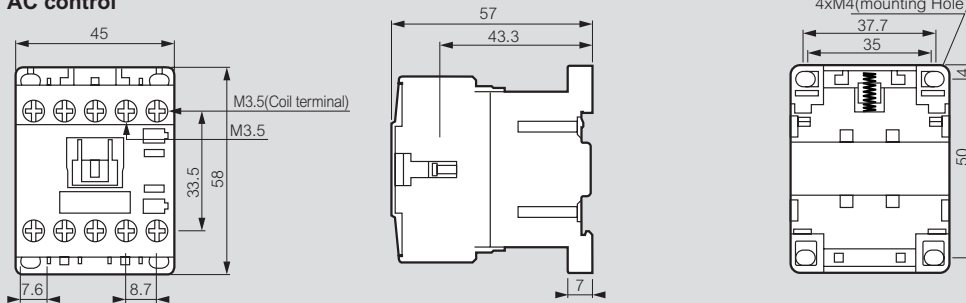
- Storage temperature: -30 °C to +65 °C
- Operating temperature: -5 °C to +40 °C
- Operating altitude: 2000 m
- Protection degree: IP 20
- Shock resistance: 5 G
- Vibration resistance (10-55 Hz): 2 G

### Possible combinations of auxiliary blocks per contactor

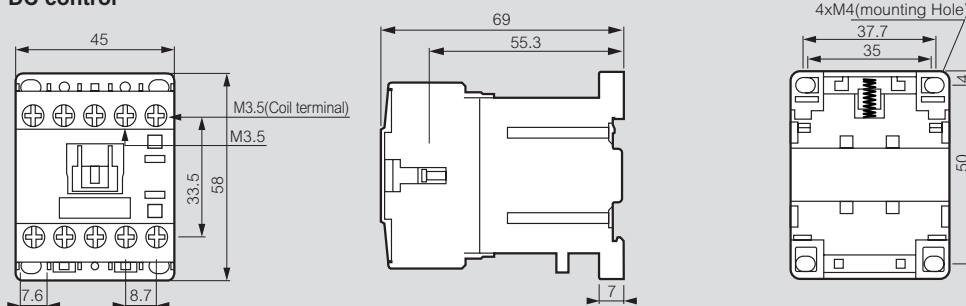
Auxiliary contact block	Maximum number of blocks		
	Side mounting (1 contact)	Front mounting (2 contacts)	Front mounting (4 contacts)
CTX <sup>3</sup> mini and control relay Control voltage : ~	2	0	1
	4	1	0
	6	0	0
CTX <sup>3</sup> mini and control relay Control voltage : =	2	0	0
	0	1	0

### Mini contactors 3P and 4P and control relays

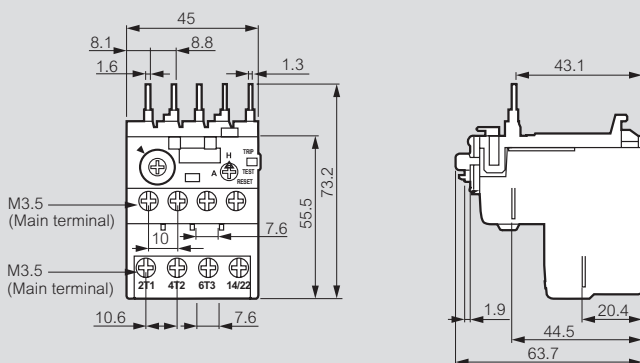
#### AC control



#### DC control

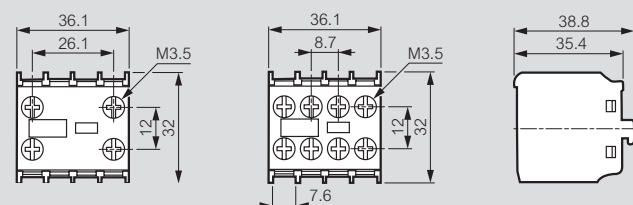


### Thermal overload relays for mini contactors

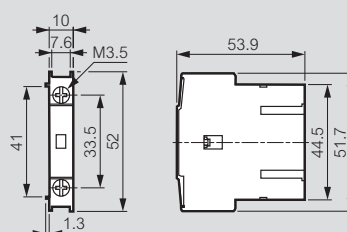


### Auxiliary contacts

#### Front mounting



#### Side mounting



## Industrial mini Contactors CTX<sup>3</sup> mini 3P and 4P

Cat. N°(s) : 4 170 00..01/04/06/09..11/14/16/19..21/24/26/  
4 170 29..31/34/36/39..41/44/46/49..51/54/56/59..61/64/66/  
4 170 69..71/74/76/79/ 4 171 40..41/44/46/49



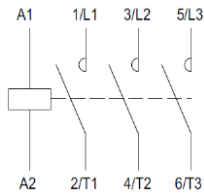
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### 1. DESCRIPTION - USE

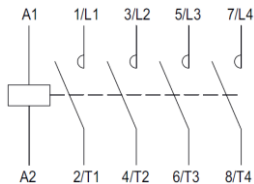
. Remote control of a load by the mean of a switch.

#### Symbol:

. For CTX<sup>3</sup> mini 3P.



. For CTX<sup>3</sup> mini 4P.



#### Technology:

. Electromagnetic contactor.

### 2. RANGE

#### Number of Poles:

- . Triple pole (3P).
- . Four pole (4P).

#### Rated current Ie:

- . 6 [A], 9 [A], 12 [A] and 16 [A] AC-3 for CTX<sup>3</sup> mini 3P.
- . 20 [A] AC-1 for CTX<sup>3</sup> mini 4P.

#### Rated Voltage / Frequency:

- . 690 V, 50 / 60 [Hz].

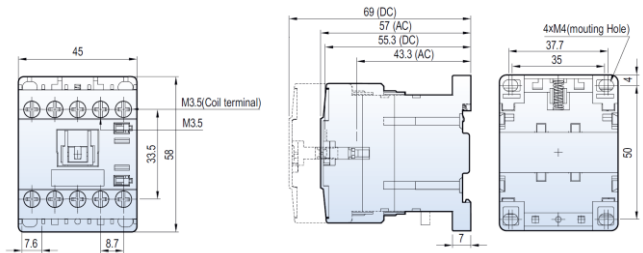
#### Control voltage:

- . 24 [V~], 24 [V=], 110 [V~], 230 [V~], 415 [V~].

### 3. OVERALL DIMENSIONS

. CTX<sup>3</sup> mini 3P and 4P.

- Type AC and type DC:



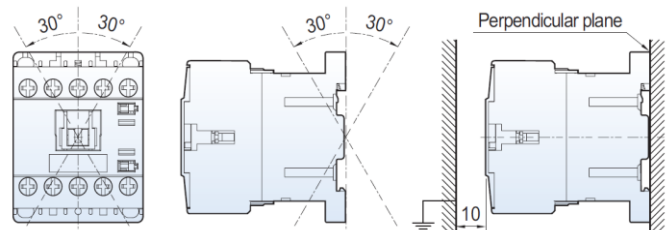
### 4. INSTALLATION - CONNECTION

#### Fixing:

. Mounting on DIN rail or plate.

#### Operating position:

- . ± 30 [°] possible, in relation to normal vertical mounting plane.
- . Keep the distance more than 10 [mm] front panel.



#### Supply:

. Either from the top or the bottom.

#### Size of wire connecting torque:

Screw	Wire	Torque
M3.5	1.25 to 2 [mm <sup>2</sup> ]	0.8 [Nm]

# Industrial mini Contactors

## CTX<sup>3</sup> mini 3P and 4P

Cat. N°(s) : 4 170 00..01/04/06/09..11/14/16/19..21/24/26/  
4 170 29..31/34/36/39..41/44/46/49..51/54/56/59..61/64/66/  
4 170 69..71/74/76/79/ 4 171 40..41/44/46/49

### 5. GENERAL CHARACTERISTICS

#### Connection:

- . Terminals protected against direct contact (IP20).
- . Terminals with release and captive screws.
- . Screw head : slotted and pozidriv n°2.

#### Tools required:

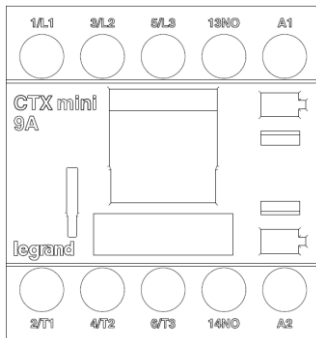
- . Pozidriv N°2 screwdriver recommended.
- . Flat screwdriver Ø5 to Ø6 [mm] Maximum.

#### Front side:

- . By dark grey laser:
  - Brand: Legrand
  - Range: CTX mini
  - Rated current (in A)
  - Coil terminals
  - Control terminals
  - Marking power terminals (3P or 4P)
  - Marking auxiliary contact terminals (when required)

#### CTX<sup>3</sup> mini Contactor : (Example of marking)

- . CTX<sup>3</sup> mini Contactor 3P 9 [A].



#### Left side:

- . By identification label (referring to IEC and UL standard)

□ legrand CTX <sup>3</sup> mini 9A	
Uc	24VAC 24VDC 110VAC 230VAC 415V
Ue	20.4-26.4V 20.4-26.4V 83.5-121V 195.5-253V 352.8-456.5V
3P 1NO	4170 20 4170 21 4170 24 4170 26 4170 29
3P 1NC	4170 30 4170 31 4170 34 4170 36 4170 39
	V AC   120   240   480   600
	1PH.HP   0.5   1.5
	Continuous current: 20A
	When protected by 20A time delay fuses. Short circuit 5kA
AC V 230	400   690
AC3 kW 2.2	4   4
A 9	9   5
AC15 A 6	3   1
AC1=11h:20A Aux.1h=10A Uimp=6kV Ui=690V	
MADE IN KOREA	79611621122

#### Upper side:

- . By dark grey laser or pad printing:
  - Control voltage (Uc)

### 5. GENERAL CHARACTERISTICS (continued)

#### Rated operational voltage:

- . Ue = 690 [V] for all products.

#### Rated impulse voltage and rated insulation voltage:

Type of products	Rated impulse voltage (Uimp)	Rated insulation voltage (Ui)
CTX <sup>3</sup> mini 3P	6 [kV]	690 [V]
CTX <sup>3</sup> mini 4P		

#### Mechanical and electrical endurance:

Type of products	Mechanical endurance (in millions of operations)	Electrical endurance (in millions of operations)	Maxi operating rate in operating cycles per hour (At 440 [V~])
CTX <sup>3</sup> mini (3P)	12	1	1800
CTX <sup>3</sup> mini (4P)			

#### Ambient operating temperature: (standard +20°C)

- . Min. = -5°C. Max. = +40°C.

#### Ambient storage temperature:

- . Min. = -30°C. Max. = +65°C.

#### Max. temperature inside a panel:

- . +55°C.

#### Weight:

Type of products	AC Control	DC Control
CTX <sup>3</sup> mini 3P	0.17 [kg]	0.23 [kg]
CTX <sup>3</sup> mini 4P		

#### Degree of protection:

- . IP20.

#### Flame resistance:

- . Conforming to UL = V0.
- . Conforming to IEC 695-2-1 = 960 [°C].

#### Maximum operating altitude:

- . 2000 [m].

#### Relative humidity:

- . 45 ~ 85% RH.

#### Shock resistance:

- . 5 [g].

#### Vibration resistance:(10 - 55 [Hz])

- . 2 [g].

# Industrial mini Contactors

## CTX<sup>3</sup> mini 3P and 4P

Cat. N°(s) : 4 170 00..01/04/06/09..11/14/16/19..21/24/26/  
4 170 29..31/34/36/39..41/44/46/49..51/54/56/59..61/64/66/  
4 170 69..71/74/76/79/ 4 171 40..41/44/46/49

### 5. GENERAL CHARACTERISTICS *(continued)*

#### Control coil characteristics:

CTX <sup>3</sup> mini 3P & 4P			
<b>AC Coil</b>			
Control voltage (U <sub>c</sub> ) 50/60 [Hz]		[V]	24, 110, 230, 415
Operating voltage	Closing	[%]	85~110
	Opening	[%]	30~40
Thermal dissipation		[W]	2
Coil consumption	inrush	[VA]	32
	Holding	[VA]	6
Operating time	Closing	[ms]	10~20
	Opening	[ms]	35~45
<b>DC Coil</b>			
Control voltage (U <sub>c</sub> )		[V]	24
Operating voltage	Closing	[%]	80~125
	Opening	[%]	10~30
Coil consumption	inrush	[W]	2
	Holding	[W]	2
Operating time	Closing	[ms]	40~50
	Opening	[ms]	35~45

#### Lifetime of the coil supplied permanently:

. No limit.

#### Rated control supply voltage U<sub>s</sub>:

. U<sub>s</sub> = 85% - 110% U<sub>c</sub>.

**Rating:** In accordance with IEC 60 947-4-1

. For Contactor CTX<sup>3</sup> mini 3P 6 to 16 [A] & CTX<sup>3</sup> mini 4P 20 [A]

- Rated making capacity - (440 [V~])
- Rated breaking capacity - (440 [V~])

Contactor type	CTX <sup>3</sup> mini 3P 6 [A]	CTX <sup>3</sup> mini 3P 9 [A]	CTX <sup>3</sup> mini 3P 12 [A]	CTX <sup>3</sup> mini 3P 16 [A]	CTX <sup>3</sup> mini 4P 20 [A]
Operation current	6 [A]	9 [A]	12 [A]	16 [A]	20 [A] (AC1)
Rated making capacity (AC-3)	72 [A]	108 [A]	144 [A]	180 [A]	180 [A]
Rated breaking capacity (AC-3)	60 [A]	90 [A]	120 [A]	150 [A]	150 [A]

# Industrial mini Contactors

## CTX<sup>3</sup> mini 3P and 4P

Cat. N°(s) : 4 170 00..01/04/06/09..11/14/16/19..21/24/26/  
 4 170 29..31/34/36/39..41/44/46/49..51/54/56/59..61/64/66/  
 4 170 69..71/74/76/79/ 4 171 40..41/44/46/49

### 5. GENERAL CHARACTERISTICS *(continued)*

**Rating:** In accordance with IEC 60947-4 and UL 508 certifications -  $\theta \leq 55$  [°C] *(continued)*

. For contactors CTX<sup>3</sup> mini 3P from 6 to 16 [A].

Contactor type - (Type AC and DC)			CTX <sup>3</sup> mini 3P 6 [A]		CTX <sup>3</sup> mini 3P 9 [A]		CTX <sup>3</sup> mini 3P 12 [A]		CTX <sup>3</sup> mini 3P 16 [A]	
			[kW]	[A]	[kW]	[A]	[kW]	[A]	[kW]	[A]
AC duty	AC3	200 / 240 [V]	1.5	7	2.2	9	3	12	4	18
		380 / 440 [V]	2.2	6	4	9	5.5	12	7.5	16
		500 / 550 [V]	3	5	3.7	6	4	7	5.5	9
		690 [V]	3	4	4	5	4	5	4	5
	AC1	lth	-	20	-	20	-	20	-	20

Contactor type - (Type AC and DC)			CTX <sup>3</sup> mini 3P 6 [A]		CTX <sup>3</sup> mini 3P 9 [A]		CTX <sup>3</sup> mini 3P 12 [A]		CTX <sup>3</sup> mini 3P 16 [A]	
			[hp]	[A]	[hp]	[A]	[hp]	[A]	[hp]	[A]
UL rating (50 / 60 [Hz])	Single phase	120 [V]	1/2	-	1/2	-	1	-	-	-
		230 / 240 [V]	1	-	1.5	-	2	-	-	-
	Three phase	240 [V]	1.5	-	3	-	3	-	-	-
		480 [V]	3	-	5	-	7.5	-	-	-
		600 [V]	3	-	5	-	7.5	-	-	-
	lth		-	20	-	20	-	20	-	20

. For contactors CTX<sup>3</sup> mini 4P 20 [A].

Contactor type - (Type AC and DC)			CTX <sup>3</sup> mini 4P 20 [A]	
			[kW]	[A]
AC duty	AC3	200 / 240 [V]	4	18
		380 / 440 [V]	7.5	16
		500 / 550 [V]	5.5	9
		690 [V]	4	5
	AC1	lth	-	20

# Industrial mini Contactors

## CTX<sup>3</sup> mini 3P and 4P

Cat. N°(s) : 4 170 00..01/04/06/09..11/14/16/19..21/24/26/  
 4 170 29..31/34/36/39..41/44/46/49..51/54/56/59..61/64/66/  
 4 170 69..71/74/76/79/ 4 171 40..41/44/46/49

### 6. CONFORMITIES AND APPROVALS

#### Compliance to standards:

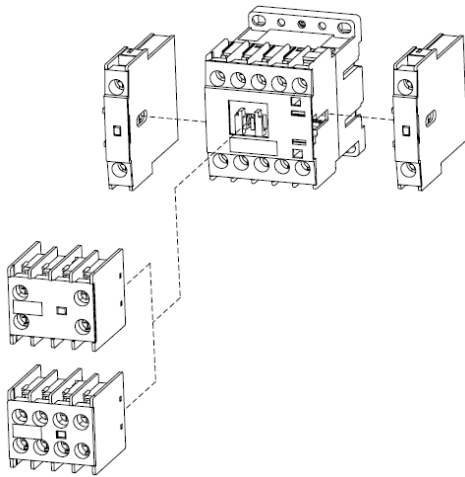
- . Reference standards: IEC/EN 60 947-4 and UL 508.
- . Certifications: CE, UL.

### 7. AUXILIARIES AND ACCESSORIES

#### Auxiliaries:

Frame size	Type	Extended amount of Auxiliary contacts
CTX <sup>3</sup> mini	AC	6
	DC	2

. Installation principle:



#### Rated operational voltage:

. U<sub>e</sub> = 600 [V].

#### Rated insulation voltage:

. U<sub>i</sub> = 690 [V].

#### Rated impulse voltage:

. U<sub>imp</sub> = 6 [kV].

#### Mechanical and electrical endurance:

Type of products	Mechanical endurance (in millions of operations)	Electrical endurance (in millions of operations)
Auxiliary contacts	10	0.25

#### Conventional free air thermal current:

. I<sub>th</sub> = 10 [A].

### 7. AUXILIARIES AND ACCESSORIES (continued)

#### Auxiliaries: (continued)

#### Contacts sensibility:

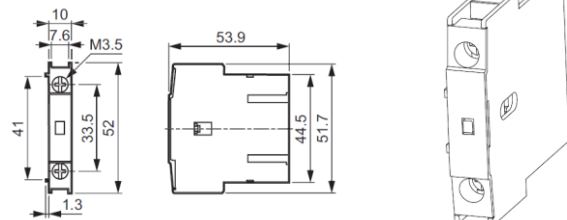
. DC 24 [V] - 10 [mA].

**Rating:** In accordance with IEC 60947-4 and UL 508 certifications

Auxiliary contacts block			
Current and Power	AC 15	120 [V]	6 [A]
		240 [V]	3 [A]
		380 [V]	1.9 [A]
		480 [V]	1.5 [A]
		500 [V]	1.4 [A]
		600 [V]	1.2 [A]
	DC 13	125 [V]	0.55 [A]
		250 [V]	0.27 [A]
		400 [V]	0.15 [A]
		500 [V]	0.13 [A]
		600 [V]	0.1 [A]

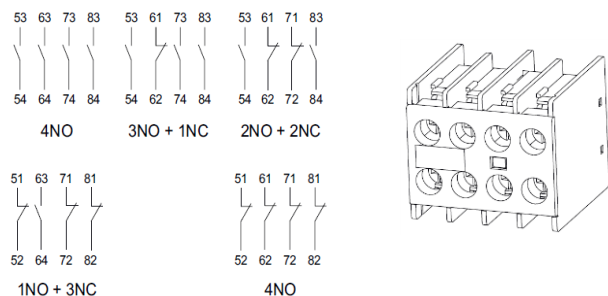
#### CTX<sup>3</sup> mini auxiliary contact side: weight = 0.02 [kg]

- 1NO (cat n° 4 171 58)
- 1NC (cat n° 4 171 59)



#### CTX<sup>3</sup> mini auxiliary contact front: weight = 0.04 [kg]

- 4NO (cat n° 4 171 53).
- 3NO + 1NC (cat n° 4 171 54)
- 2NO + 2NC (cat n° 4 171 55)
- 1NO + 3NC (cat n° 4 171 56)
- 4NC (cat n° 4 171 57)





# Industrial mini Contactors

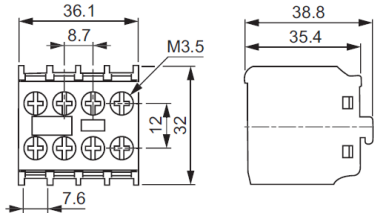
## CTX<sup>3</sup> mini 3P and 4P

Cat. N°(s) : 4 170 00..01/04/06/09..11/14/16/19..21/24/26/  
 4 170 29..31/34/36/39..41/44/46/49..51/54/56/59..61/64/66/  
 4 170 69..71/74/76/79/ 4 171 40..41/44/46/49

### 7. AUXILIARIES AND ACCESSORIES (continued)

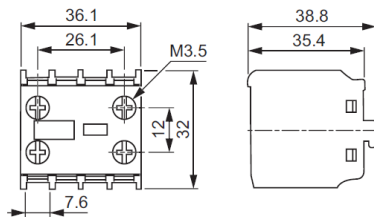
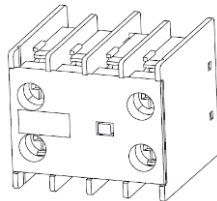
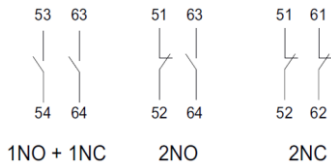
Auxiliaries: (continued)

CTX<sup>3</sup> mini auxiliary contact front: (continued)



CTX<sup>3</sup> mini auxiliary contact front: weight = 0.03 [kg]

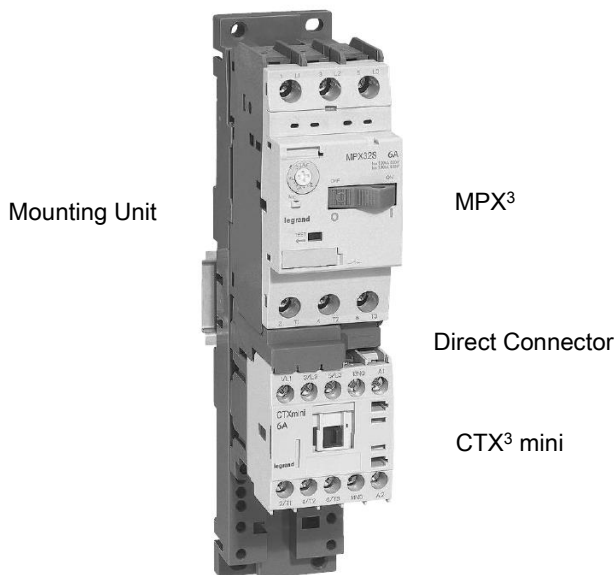
- 1NO + 1NC (cat n° 4 171 50)
- 2NO (cat n° 4 171 51)
- 2NC (cat n° 4 171 52)



Combined devices:

. Installation principle:

- Contactor CTX<sup>3</sup> mini with MPCB MPX<sup>3</sup>



### 7. AUXILIARIES AND ACCESSORIES (continued)

Auxiliaries: (continued)

Combined devices: (continued)

. Installation principle:

- Contactor CTX<sup>3</sup> mini with MPCB MPX<sup>3</sup>

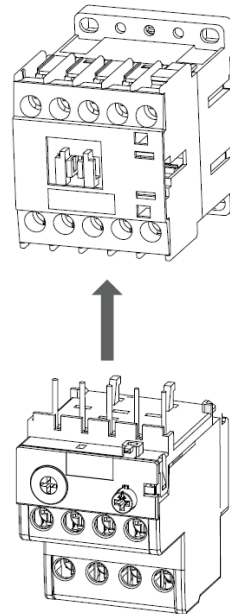
Direct connector	Mounting Unit	MPX <sup>3</sup>	CTX <sup>3</sup>
4 174 40	Mounting Unit MPX <sup>3</sup> 32S / 32H / 32MA 4 174 60	MPX <sup>3</sup> 32S	CTX <sup>3</sup> mini AC
4 174 41			CTX <sup>3</sup> mini DC
4 174 42	MPX <sup>3</sup> 32H / 32MA	MPX <sup>3</sup> 32H / 32MA	CTX <sup>3</sup> mini AC
4 174 43			CTX <sup>3</sup> mini DC

Combined devices:

. For more information, refer to the technical data sheet of RTX<sup>3</sup> mini.

Installation principle:

- CTX<sup>3</sup> mini with RTX<sup>3</sup> mini



Type of products	Directly mountable Overload relay
CTX <sup>3</sup> mini (3P only)	RTX <sup>3</sup> mini

# Industrial mini Contactors

## CTX<sup>3</sup> mini 3P and 4P

Cat. N°(s) : 4 170 00..01/04/06/09..11/14/16/19..21/24/26/  
4 170 29..31/34/36/39..41/44/46/49..51/54/56/59..61/64/66/  
4 170 69..71/74/76/79/ 4 171 40..41/44/46/49

### 7. AUXILIARIES AND ACCESSORIES *(continued)*

#### Accessories:

##### Interlock CTX<sup>3</sup> mini:

- CTX<sup>3</sup> mini mechanical Interlock (cat n° 4 171 60)



. For use with two contactors CTX<sup>3</sup> mini. Electrical interlocking through the auxiliary contacts.

#### Installation software:

. XL PRO<sup>3</sup>.