

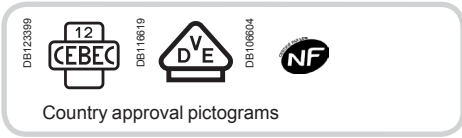


**For the realization of the catalogue France,  
replace following catalogue numbers:**

- A9C20834 by A9C24834.
- A9C20732 by A9C24732.
- A9C21732 by A9C25732.

Pages 4, 5 and 14, 15.

# Control Remote control iCT contactors



EN 61095, IEC 1095

**iCT contactors are available in two versions:**

- Contactors without manually-operated
- Contactors with manually-operated.

The breadth of the iCT contactor range satisfies most application cases.  
iCT contactors can be combined with auxiliary control, protection and indication functions.

## Contactors

### iCT 2P



manual control

### iCT 4P



- iCT contactors can be used to remote control applications in alternative networks:
  - lighting, heating, ventilation, roller blinds, sanitary hot water
  - mechanical ventilation systems, etc
  - load-shedding of non-priority circuits

**Indication iACTs**  
■ This auxiliary allows indication or control of the "open" or "closed" position of the contactor power contacts

**Interference filtering iACTp**  
■ This auxiliary is an interference suppressor which limits overvoltages on the control circuit

**Dual control iACTc**  
■ Used to control a contactor in impulse-type mode or to combine latched or impulse-type control orders

**Control and indication 24 V DC iACT24**  
■ Allows control and indication of a 230 Vac contactor from the Acti 9 Smartlink or by a PLC, by 24 V DC signals  
■ Also allows control by a maintained signal

**Time delay iATeT**  
■ This auxiliary is used to time delay for iCT and iTL. According to cabling, there are 5 possible time delay types:  
□ 1 for iTL  
□ 4 for iCT

**Function type A: late closing**  
Delay energizing of contactor

**Function type B: time delay**  
■ Energize the contactor by closing a push button  
■ The time delay starts as soon as the control contacts are closed

**Function type C: late opening**  
■ Energize the contactor by closing a push button  
■ The time delay starts when the control contacts are opened

**Function type H: fixed time operation**  
■ Operate the contactor for a pre-determined time from the moment of energizing

## Contactors

## Contactors auxiliaries

Choice of 50 Hz contactors											
Type		Contactor						Manually-operated contactors			
Rating	A	16	20	25	40	63	100	16	25	40	63
Auxiliaries											
Contactors that can be equipped with auxiliaries											
iACTs indication auxiliary		Yes	Yes	Yes				Yes			
iACTp protection auxiliary	By yellow clips	No	No	Yes				No	Yes		
iACTc, iATeT control auxiliary	By yellow clips	No	No	Yes				No	Yes		
iACT24 control auxiliary		Non	No	Yes (for contactors 230 V - 50 Hz)				No	Yes (for contactors 230 V - 50 Hz)		

# Control

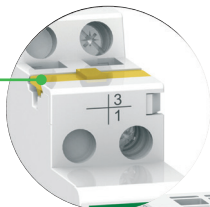
## Remote control

### iCT contactors (cont.)

PB 106115-39

#### Yellow clip

■ Clip-on system for electrical and mechanical connections between contactors  $\geq 25$  A and their auxiliaries



■ Insulated terminals IP20

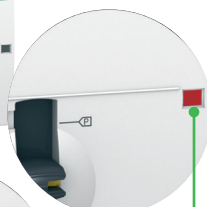


■ Minimum noise

■ Large circuit labeling area



■ Mechanical contact position indicator



■ Consistent with the entire Acti 9 offer and with all types of lighting



■ Manually-operated contactors have a 4-position selector switch on their front face:

- automatic operating mode
- temporary "ON" override
- permanent "ON" override: used to lock the contactor in the ON position during installation maintenance
- shutdown

#### Choice of 60 Hz contactors

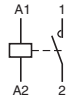
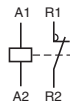
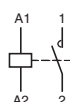
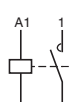
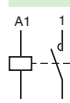
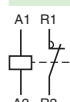
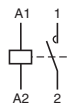
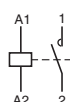
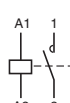
Contactor				Manually-operated contactors
16	25	40	63	40
Contactors that can be equipped with auxiliaries				
Yes				Yes
No	Yes			Yes
No	Yes			Yes
No	Yes			No

# Control

## Remote control

### iCT contactors (cont.)

#### Catalogue numbers

iCT contactors - 50 Hz								
Type	Rating (In)		Control voltage (V AC) (50 Hz)	Contact		Width in 9 mm modules		
1P	AC7a	AC7b						
 DB103373-5	16 A	6 A	12	1NO	A9C22011	2		
			24	1NO	A9C22111	2		
			48	1NO	A9C22211	2		
			220	1NO	A9C22511	2		
			230...240	1NO	A9C22711	2		
	25 A	8.5 A	220	1NO	A9C20531	2		
			230...240	1NO	A9C20731	2		
<b>2P</b>								
 DB122915	16 A	6 A	12	2NO	A9C22012	2		
			24	2NO	A9C22112	2		
			48	2NO	A9C22212	2		
			220	2NO	A9C22512	2		
			230...240	2NO	A9C22712	2		
 DB103377-11			12	1NO+1NC	A9C22015	2		
			24	1NO+1NC	A9C22115	2		
			220	1NO+1NC	A9C22515	2		
			230...240	1NO+1NC	A9C22715	2		
 DB103375-10	20 A	-	230...240	2NO	A9C22722	2		
			25 A	8.5 A	24	2NO	A9C20132	2
					48	2NO	A9C20232	2
	220	2NO			A9C20532	2		
	230...240	2NO			A9C20732	2		
				220	2NC	A9C20536	2	
				230...240	2NC	A9C20736	2	
	40 A	15 A	220...240	2NO	A9C20842	4		
	63 A	20 A	24	2NO	A9C20162	4		
			220...240	2NO	A9C20862	4		
	100 A (*)	-	220...240	2NO	A9C20882	6		
<b>3P</b>								
 DB103376-14	16 A	6 A	220...240	3NO	A9C22813	4		
			25 A	8.5 A	220...240	3NO	A9C20833	4
			40 A	15 A	220...240	3NO	A9C20843	6
			63 A	20 A	220...240	3NO	A9C20863	6
<b>4P</b>								
 DB122916	16 A	6 A	24	4NO	A9C22114	4		
					220...240	4NO	A9C22814	4
					220...240	2NO+2NC	A9C22818	4
 DB122917	20 A	-	220...240	4NO	A9C22824	4		
			25 A	8.5 A	24	4NO	A9C20134	4
					220...240	4NO	A9C20834	4
				24	4NC	A9C20137	4	
 DB103381-1B	40 A	15 A	220...240	4NC	A9C20837	4		
					220...240	2NO+2NC	A9C20838	4
	63 A	20 A	220...240	4NO	A9C20844	6		
					220...240	4NC	A9C20847	6
 DB122918			24	4NO	A9C20164	6		
					220...240	4NO	A9C20864	6
	100 A (*)	-	24	4NC	A9C20167	6		
					220...240	4NC	A9C20867	6
					220...240	2NO+2NC	A9C20868	6
			220...240	3NO+1NC	A9C20869	6		
			220...240	4NO	A9C20884	12		

(\*) do not use for lighting applications

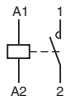
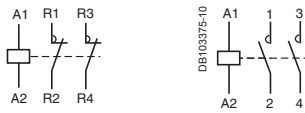
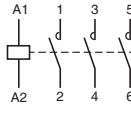
# Control Remote control iCT contactors (cont.)

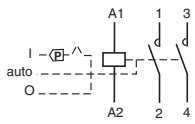
## Catalogue numbers

iCT manual control contactor 50 Hz						Width in 9 mm modules		
Type	Rating (In)		Control voltage (V AC) (50/60 Hz)	Contact	Catalogue number			
	AC7a	AC7b						
<p>DB106317-24</p>	16 A	6 A	220	2NO	A9C23512	2		
			230...240	2NO	A9C23712	2		
			220	1NO+1NC	A9C23515	2		
			230...240	1NO+1NC	A9C23715	2		
	<p>DB106318-27</p>	25 A	8,5 A	24	2NO	A9C21132	2	
				220	2NO	A9C21532	2	
				230...240	2NO	A9C21732	2	
				220...240	2NO	A9C21142	2	
	40 A	15 A	24	2NO	A9C21142	2		
			220...240	2NO	A9C21842	4		
			63 A	20 A	24	2NO	A9C21162	4
					220...240	2NO	A9C21862	4
<p>DB106319-27</p>	25 A	8,5 A	220...240	3NO	A9C21833	4		
	40 A	15 A	220...240	3NO	A9C21843	6		
	<p>DB106320-31</p>	25 A	8,5 A	24	4NO	A9C21134	4	
		40 A	15 A	220...240	4NO	A9C21834	4	
24				4NO	A9C21144	6		
63 A		20 A	220...240	4NO	A9C21844	6		
	24		4NO	A9C21164	6			
			220...240	4NO	A9C21864	6		

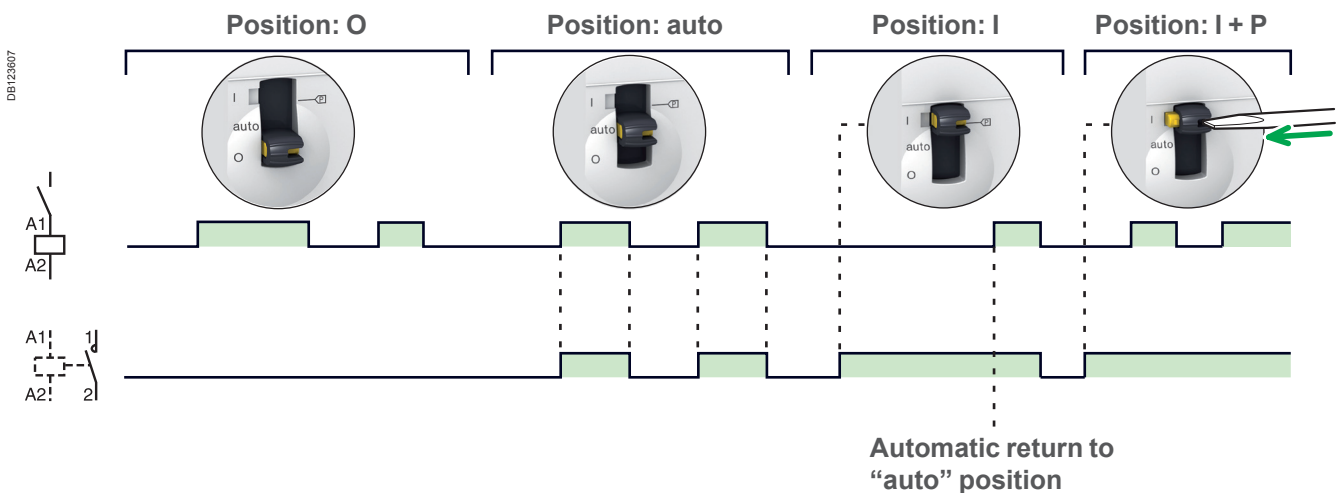
# Control Remote control iCT contactors (cont.)

## Catalogue numbers

iCT contactors - 60 Hz						
Type						Width in 9 mm modules
<b>1P</b> 	Rating (In)		Control voltage (V AC) (60 Hz)	Contact		
	AC7a	AC7b				
	25 A	8.5 A	127	1NO	A9C20431	2
			220...240	1NO	A9C20631	2
<b>2P</b> 	16 A	6 A	127	1NO+1NC	A9C22415	2
			220...240	1NO+1NC	A9C22615	2
	25 A	8.5 A	127	2NO	A9C20432	2
			220...240	2NO	A9C20632	2
			127	2NC	A9C20436	2
			220...240	2NC	A9C20636	2
	40 A	15 A	127	2NO	A9C20442	4
			220...240	2NO	A9C20642	4
<b>3P</b> 	25 A	8.5 A	127	3NO	A9C20433	4
			220...240	3NO	A9C20633	4
	40 A	15 A	127	3NO	A9C20443	6
			220...240	3NO	A9C20643	6
	63 A	20 A	127	3NO	A9C20463	6
			220...240	3NO	A9C20663	6

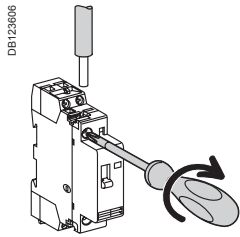
iCT manual control contactor 60 Hz						
Type						Width in 9 mm modules
<b>2P</b> 	Rating (In)		Control voltage (V AC) (60 Hz)	Contact		
	AC7a	AC7b				
	40 A	15 A	127	2NO	A9C21442	4
			220...240	2NO	A9C21642	4









## Operation (Manual control contactor)

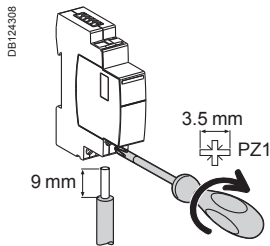





# Control Remote control iCT contactors (cont.)

## Connection

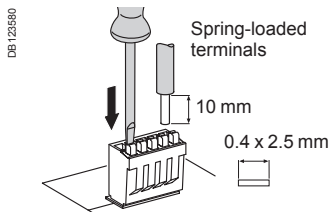




Type	Rating	Length tripping	Circuit	Tightening torque	Copper cables		
					Rigid	Flexible or with ferrule	
iCT	PZ1: 4 mm	16 - 100 A	9 mm	Control	0.8 N.m		
		16 and 25 A					
	PZ2: 6 mm	40 A - 63 A	14 mm	Power	3.5 N.m		
		100 A					
iACTs, iACTp, iACTc, iATEt	PZ1: 4 mm	-	9 mm	-	0.8 N.m		



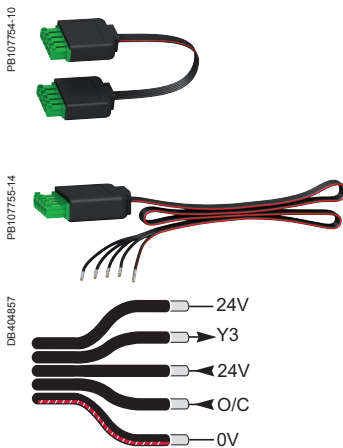
Type	Terminals	Tightening torque	Copper cables		
			Rigid	Flexible	Flexible or with ferrule
iACT24	Power supply (N/P) Input (Y1/Y2)	1 N.m			
			0.5 to 10 mm <sup>2</sup> 2 x 0.5 to 2 x 2.5 mm <sup>2</sup>	0.5 to 6 mm <sup>2</sup> 2 x 0.5 to 2 x 2.5 mm <sup>2</sup>	0.5 to 4 mm <sup>2</sup> 2 x 0.5 to 2 x 2.5 mm <sup>2</sup>

## Ti24 connector connection



Type	Catalogue numbers	Copper cables	
		Rigid	Flexible
Ti24 Interface	A9XC2412		
		1 x 0.5 to 1.5 mm <sup>2</sup>	1 x 0.5 to 1.5 mm <sup>2</sup>

## Ti24 prefabricated cables connection

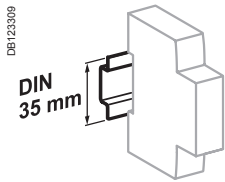


Type	Catalogue numbers	Length
<b>Connection for Acti 9 Smartlink</b>		
6 short prefabricated	A9XCAS06	100 mm
6 medium-sized prefabricated	A9XCAM06	160 mm
6 long prefabricated	A9XCAL06	870 mm
<b>Connection for PLC type terminals</b>		
6 long prefabricated on a single side	A9XCAU06	870 mm

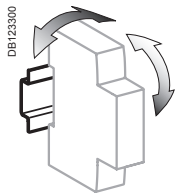
# Control

## Remote control

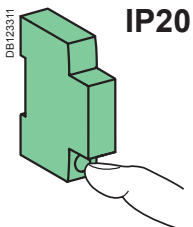
### iCT contactors (cont.)



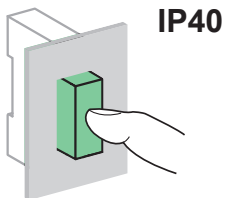
Clip on DIN rail 35 mm.



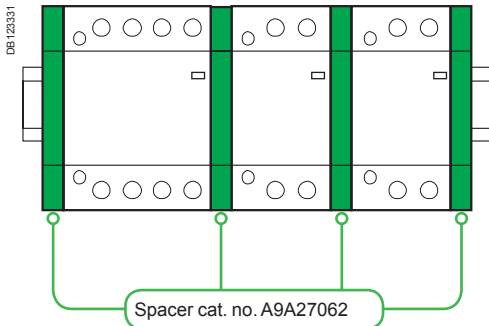
± 30° vertical.



IP20



IP40



## Technical data

### Power circuit

Voltage rating (Ue)	1P, 2P	250 V AC
	3P, 4P	400 V AC
Frequency	50 Hz or 60 Hz	
Type of load	See module CA908026	

### Endurance (O-C)

Electrical	100,000 cycles
Maximum number of switching operation a day	100

### Additional characteristics

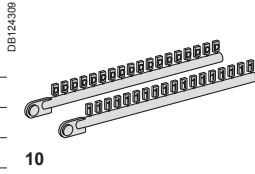
Insulation voltage (Ui)	500 V AC	
Pollution degree	2	
Rated impulse withstand voltage (Uimp)	2.5 kV (4 kV for 12/24/48 V AC)	
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40
Operating temperature	-5°C to +60°C <sup>(1)</sup>	
Storage temperature	-40°C to +70°C	
Tropicalization (IEC 60068-1)	Treatment 2 (relative humidity 95 % at 55°C)	
ELSV compliance (Extra Low Safety Voltage) for 12/24/48 V AC versions		
The product control conforms to the SELV (safety extra low voltage) requirements		

(1) In the case of contactor mounting in an enclosure for which the interior temperature is in range between 50°C and 60°C, it is necessary to use a spacer, cat. no. A9A27062, between each contactor

# Control Remote control iCT contactors (cont.)

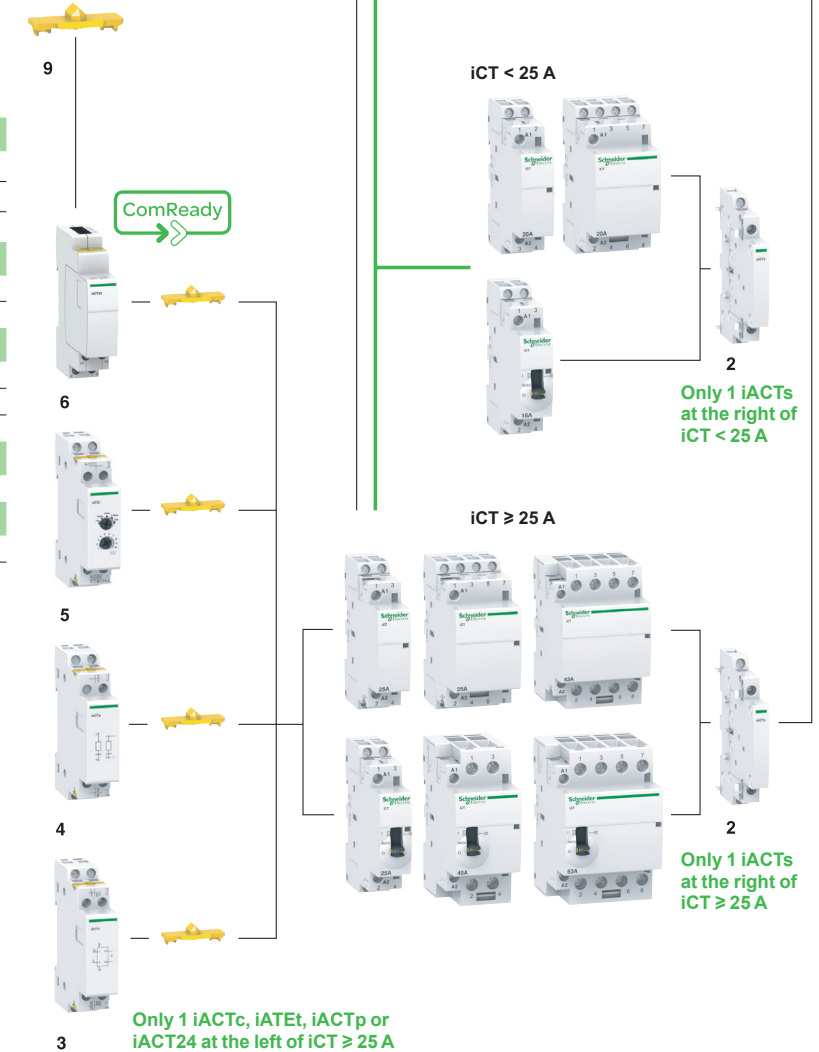
## Mounting accessories

7	Sealable screw shields for top and bottom	3P, 4P 25 A	<b>A9A15921</b>
		2P 40/63 A	<b>A9A15922</b>
		3P, 4P 40/63 A	<b>A9A15923</b>
8	9 mm spacer		<b>A9A27062</b>
9	Yellow clips		<b>A9C15415</b>
10	Clip-on terminal markers	see module	<b>CA907001</b>






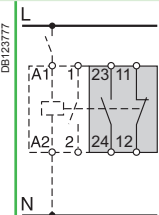
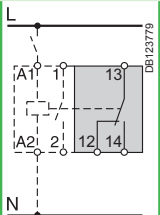
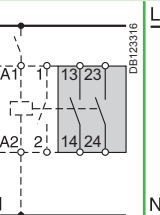
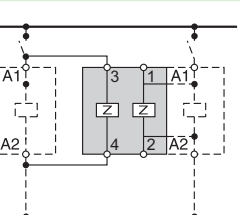
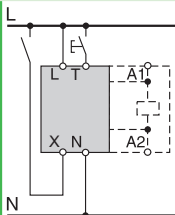
## Auxiliaries

Indication			
2	iACTs	1NO + 1NC	<b>A9C15914</b>
		1CO	<b>A9C15915</b>
		2NO	<b>A9C15916</b>
Double control inputs			
3	iACTc	230 V AC	<b>A9C18308</b>
		24 V AC	<b>A9C18309</b>
Coil suppression blocs			
4	iACTp	12...48 V AC	<b>A9C15919</b>
		48...127 V AC	<b>A9C15918</b>
		220...240 V AC	<b>A9C15920</b>
Time delay			
5	iATEt	24...240 V AC	<b>A9C15419</b>
Control and indication			
6	iACT24	230 V AC	<b>A9C15924</b>



# iCT contactors

## Electrical auxiliaries for iCT

Auxiliaries		Indication			Protection			Control		
Type		iACTs			iACTp			iACTc		
Function		Indication			Interference filtering			Impulse/latched control		
		With Open/Close auxiliary contact			2 protection circuits			Impulse/latched control		
										
Wiring diagrams										
										
										
Mounting										
		<ul style="list-style-type: none"> <li>Mounted to the right of iCT</li> </ul>			<ul style="list-style-type: none"> <li>Mounted to the left of iCT by yellow clips<sup>(1)</sup></li> <li>By wires</li> </ul>			<ul style="list-style-type: none"> <li>Mounted to the left of iCT by yellow clips<sup>(1)</sup></li> </ul>		
Use										
		-			<ul style="list-style-type: none"> <li>The iACTp has 2 separate and identical circuits, allowing it to be combined with 2 different one on the iCT the other by wires</li> </ul>			<ul style="list-style-type: none"> <li>Mains power outages:                             <ul style="list-style-type: none"> <li>&lt; 70 ms: keeps its initial status</li> <li>&gt; 80 ms: reset</li> <li>put back into operation by manual operation on input X or T.</li> </ul> </li> <li>Minimum impulse duration: 250 ms</li> </ul>		
Catalogue numbers		A9C15914	A9C15915	A9C15916	A9C15918	A9C15919	A9C15920	A9C18308	A9C18309	
Technical specifications										
Control voltage (Ue)	V AC	24...240			48...127	12...48	220...240	230...240	24...48	
	V DC	24...130			-			-		
Control voltage frequency	Hz	50/60			50/60			50/60		
Width in 9 mm modules		1			2			2		
Auxiliary contact (breaking capacity)		<ul style="list-style-type: none"> <li>Minimum: 10 mA at 24 V DC/AC</li> <li>Maximum:                             <ul style="list-style-type: none"> <li>5 A at 230 V AC, AC12</li> <li>2 A at 230 V AC, AC15</li> <li>1 A at 130 V DC, DC13</li> </ul> </li> </ul>			-			-		
Number of contacts		1NO + 1NC	1CO	2NO	-			-		
Operating temperature	°C	-5°C to +50°C			-			-		
Storage temperature	°C	-40°C to +70°C			-			-		
Consumption		-			-			OFF load: 3 VA Inrush <sup>(2)</sup> : 2 VA Holding <sup>(2)</sup> : 0.2 VA		

(1) Electrical and mechanical link.

(2) Maximum consumption of all contactors controlled.

# Control

## Remote control

### iCT contactors

#### Electrical auxiliaries for iCT (cont.)

### Control (cont.)

#### iATEt

#### Time delay

PB106125-34



■ This auxiliary is used to time delay for iCT and iTL. According to cabling, there are 5 possible time delay types:

- 1 for iTL
- 4 for iCT.

#### Function type A: late closing

■ Delay energizing of contactor.

#### Function type B: time delay

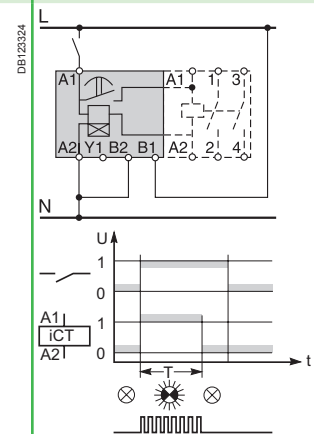
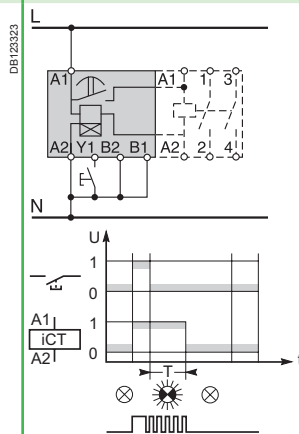
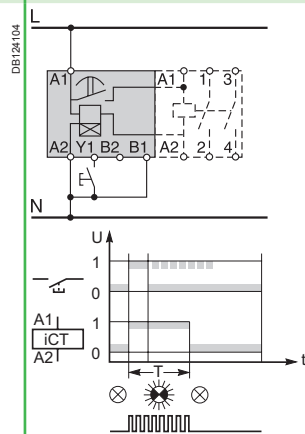
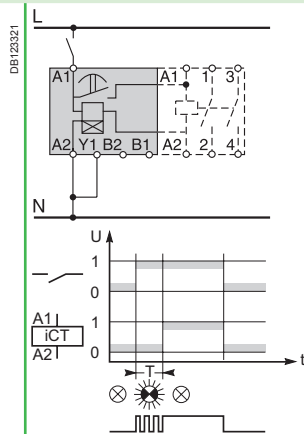
■ Energize the contactor by closing a push button.  
 ■ The time delay starts as soon as the control contacts are closed.

#### Function type C: late opening

■ Energize the contactor by closing a push button.  
 ■ The time delay starts when the control contacts are opened.

#### Function type H: fixed time operation

■ Operate the contactor for a pre-determined time from the moment of energizing.



■ Mounted to the left of iCT by yellow clips<sup>(1)</sup>

#### A9C15419

24...240

24...110

50/60

2

-20°C to +50°C

-40°C to +80°C

Off-load: 5 VA  
 Inrush<sup>(2)</sup>: 3 A  
 Holding<sup>(2)</sup>: 0.2 A

# iCT contactors

## Electrical auxiliaries for iCT (cont.)

### Control and indication

<b>Auxiliary</b>	<b>iACT24</b>
<b>Type</b>	<b>Control and indication 24 V DC</b>

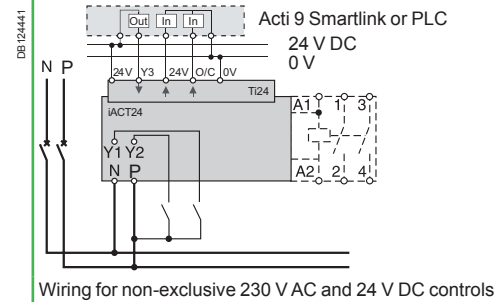
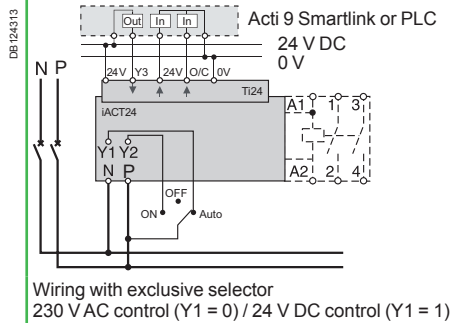
With Ti24 connector



### Function

- This auxiliary allows a contactor to be interfaced with the Acti 9 Smartlink interface or a programmable logic controller (PLC) in 24 V DC (control, O/C indication)
- 230 V AC control

### Wiring diagrams



### Mounting

- To the left of the iCT contactor using the yellow clips<sup>(1)</sup>.
- When an iACT24 is used, the A1/A2 terminals of the contactors should not be wired. Only the yellow clips integral with the iACT24 should be used for connection to the coil.

### Utilization

- 230 V AC interface:
  - Y1: enabling of 24 V DC control (Y1 = 1) or inhibition of 24 V DC control (Y1 = 0).
  - Y2: 230 V pulse control
- "Ti24" 24 V DC interface:
  - Y3: 24 V DC control of iCT closing on rising edge and opening on falling edge
  - reading of the contactor status (opened or closed) from the position of the integrated O/C auxiliary contact
  - monitoring of connection of the "Ti24" terminal block by the upstream system (PLC, supervision system) via the 24 V terminal (in the centre of the Ti24 terminal block)

<b>Catalogue numbers</b>	<b>A9C15924</b>
--------------------------	-----------------

### Technical specifications

Control voltage (Ue)	V AC	230, +10 %, -15 % (Y2)
	V DC	24, ± 20 % (Y3)
Control voltage frequency	Hz	50/60
Insulation voltage (Ui)	V AC	250
Rated impulse withstand voltage (Uimp)	kV	8 (OVC IV)
Pollution degree		3
Degree of protection		IP20B device only
		IP40 device in modular enclosure
Width in 9 mm modules		2
Auxiliary contact (O/C) Ti24		24 V DC protected output, min. 2 mA, max. 100 mA
Contact		1 O/C operating category AC 14
Operating temperature	°C	-25°C to +60°C
Storage temperature	°C	-40°C to +80°C
Consumption		<1 W
Standard		IEC/EN 60947-5-1






(1) Mechanical and electrical link.

# Control

## Remote control

### iCT contactors

#### Accessories for iCT

Security					
Accessories	Sealable screw shields			Yellow clips	Spacer
 PE104485-15	 PE104486-15	 PE104487-15	 PE108143-10	 PE104483-40	
<b>Function</b>					
<ul style="list-style-type: none"> <li>Designed to cover terminals to avoid contact with device screws.</li> <li>Allow sealing</li> </ul>			<ul style="list-style-type: none"> <li>Ensure the mechanical and/or electrical link between contactors and their auxiliaries.</li> </ul>		<ul style="list-style-type: none"> <li>Required to reduce temperature rise of modular devices installed side by side.</li> <li>Recommended to separate electronic devices (thermostat, programmable clock, etc.) from electromechanical devices (relays, contactors).</li> </ul>
<ul style="list-style-type: none"> <li>For iCT: 3P, 4P - 25 A</li> </ul>		<ul style="list-style-type: none"> <li>For iCT: 2P - 40/63 A</li> </ul>	<ul style="list-style-type: none"> <li>For iCT: 3P, 4P - 40/63 A</li> </ul>	<ul style="list-style-type: none"> <li>For iCT: <math>\geq 25</math> A</li> </ul>	
<b>Use</b>					
<ul style="list-style-type: none"> <li>Bag of 10 upstream/10 downstream</li> </ul>				<ul style="list-style-type: none"> <li>Bag of 10</li> </ul>	<ul style="list-style-type: none"> <li>Bag of 5</li> </ul>
<b>Catalogue numbers</b>	<b>A9A15921</b>	<b>A9A15922</b>	<b>A9A15923</b>	<b>A9C15415</b>	<b>A9A27062</b>
<b>Technical specifications</b>					
Width in 9 mm modules	4	4	6	–	1
Number of poles	3P, 4P	2P	3P	–	–

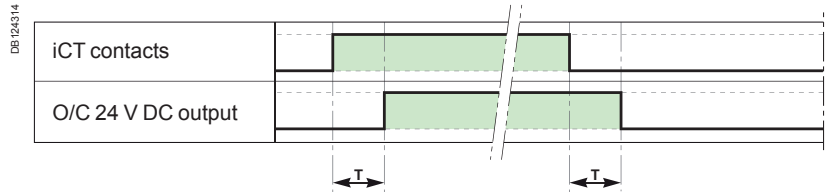
# iCT contactors

## Technical advice for iCT (cont.)



### Operation of the iACT24

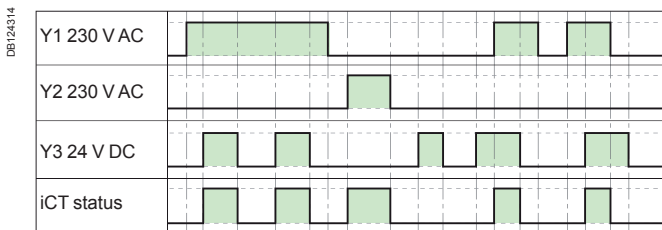
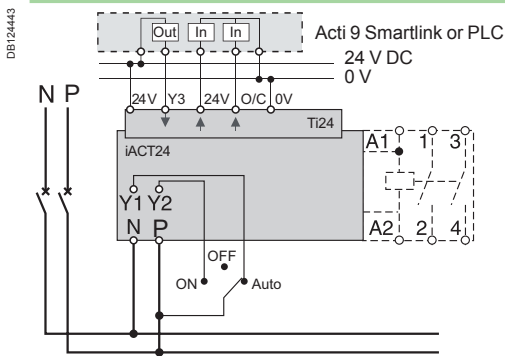
#### O/C 24 V DC output



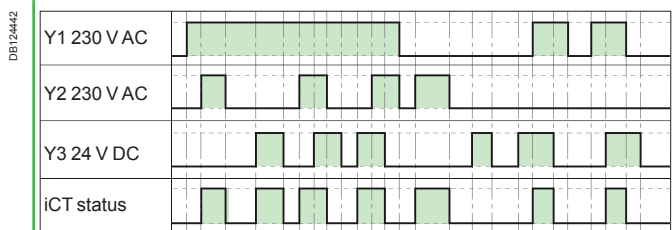
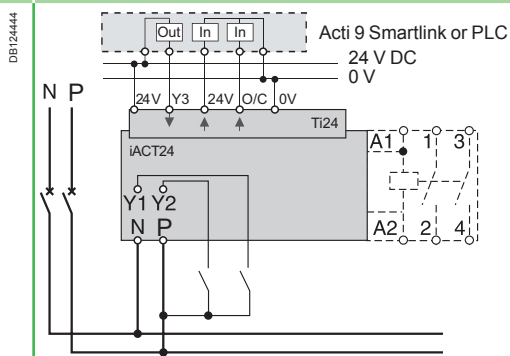
	Parameter	Min	Max
T	Time delay between iACT24 closing and indication	100 ms	200 ms

- Minimum duration of 230 V AC pulse (Y2): 200 ms.
- 30 iACT24 closing or opening actuations are authorized per minute: Minimum time delay between 2 actuations on the iACT4 via Y1, Y2, Y3 (closing or opening of the iCT coil): 220 ms.
- 10 closing or opening actuations spaced 440 milliseconds apart are authorized following no loading of the iACT24 during a period of 20 seconds.

#### Wiring with exclusive selector 230 V AC control (Y1 = 0) / 24 V DC control (Y1 = 1)



#### Wiring for non-exclusive 230 V AC and 24 V DC controls



Control  
Remote control  
iCT contactors  
Technical advice for iCT (cont.)

Consumption

iCT contactors - 50 Hz											
Type											
1P	Rating (In)		Control voltage (V AC) (50 Hz)	Consumption		Max. power					
	AC7a	AC7b		Holding	Inrush						
16 A	5 A		12	3.8 VA	15 VA	1.3 W	A9C22011				
			24	3.8 VA	15 VA	1.3 W	A9C22111				
			48	3.8 VA	15 VA	1.3 W	A9C22211				
			220	3.8 VA	15 VA	1.3 W	A9C22511				
			230...240	2.7 VA	9.2 VA	1.2 W	A9C22711				
	25 A	8.5 A		220	3.8 VA	15 VA	1.3 W	A9C20531			
				230...240	2.7 VA	9.2 VA	1.2 W	A9C20731			
				<b>2P</b>							
				16 A	5 A		12	3.8 VA	15 VA	1.3 W	A9C22012
							24	3.8 VA	15 VA	1.3 W	A9C22112
48	3.8 VA	15 VA	1.3 W				A9C22212				
220	3.8 VA	15 VA	1.3 W				A9C22512				
230...240	2.7 VA	9.2 VA	1.2 W				A9C22712				
12	3.8 VA	15 VA	1.3 W				A9C22015				
20 A	6.4 A		24	3.8 VA	15 VA	1.3 W	A9C22115				
			220	3.8 VA	15 VA	1.3 W	A9C22515				
			230...240	2.7 VA	9.2 VA	1.2 W	A9C22715				
25 A	8.5 A		230...240	2.7 VA	9.2 VA	1.2 W	A9C22722				
			24	3.8 VA	15 VA	1.3 W	A9C20132				
			48	3.8 VA	15 VA	1.3 W	A9C20232				
			220	3.8 VA	15 VA	1.3 W	A9C20532				
			230...240	2.7 VA	9.2 VA	1.2 W	A9C20732				
			220	3.8 VA	15 VA	1.3 W	A9C20536				
40 A	15 A		230...240	2.7 VA	9.2 VA	1.2 W	A9C20736				
			220...240	4.6 VA	34 VA	1.6 W	A9C20842				
			24	4.6 VA	34 VA	1.6 W	A9C20162				
63 A	20 A		220...240	4.6 VA	34 VA	1.6 W	A9C20862				
			220...240	6.5 VA	53 VA	2.1 W	A9C20882				
100 A (*)	-		220...240	6.5 VA	53 VA	2.1 W	A9C20882				
<b>3P</b>											
16 A	5 A		220...240	4.6 VA	34 VA	1.6 W	A9C22813				
25 A	8.5 A		220...240	4.6 VA	34 VA	1.6 W	A9C20833				
40 A	15 A		220...240	6.5 VA	53 VA	2.1 W	A9C20843				
63 A	20 A		220...240	6.5 VA	53 VA	2.1 W	A9C20863				
<b>4P</b>											
16 A	5 A		24	4.6 VA	34 VA	1.6 W	A9C22114				
			220...240	4.6 VA	34 VA	1.6 W	A9C22814				
			220...240	4.6 VA	34 VA	1.6 W	A9C22818				
20 A	6.4 A		220...240	4.6 VA	34 VA	1.6 W	A9C22824				
25 A	8.5 A		24	4.6 VA	34 VA	1.6 W	A9C20134				
			220...240	4.6 VA	34 VA	1.6 W	A9C20834				
			24	4.6 VA	34 VA	1.6 W	A9C20137				
			220...240	4.6 VA	34 VA	1.6 W	A9C20837				
			220...240	4.6 VA	34 VA	1.6 W	A9C20838				
			220...240	4.6 VA	34 VA	1.6 W	A9C20838				
40 A	15 A		220...240	6.5 VA	53 VA	2.1 W	A9C20844				
			220...240	6.5 VA	53 VA	2.1 W	A9C20847				
63 A	20 A		24	6.5 VA	53 VA	2.1 W	A9C20164				
			220...240	6.5 VA	53 VA	2.1 W	A9C20864				
			24	6.5 VA	53 VA	2.1 W	A9C20167				
			220...240	6.5 VA	53 VA	2.1 W	A9C20867				
			220...240	6.5 VA	53 VA	2.1 W	A9C20868				
			220...240	6.5 VA	53 VA	2.1 W	A9C20869				
100 A (*)	-		220...240	13 VA	106 VA	4.2 W	A9C20884				

(\*) do not use for lighting applications

# iCT contactors

## Technical advice for iCT (cont.)

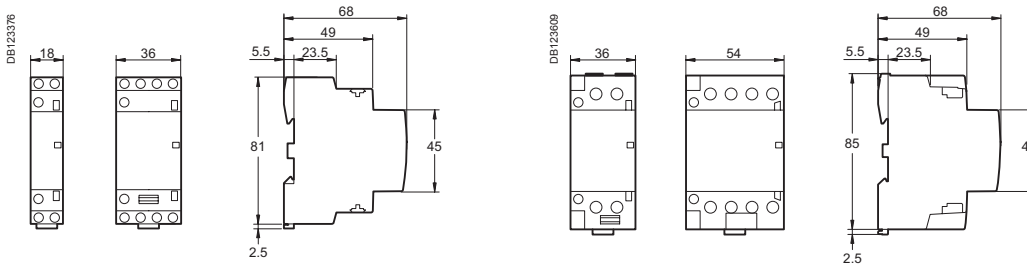
### Consumption (cont.)

iCT manual control contactor 50 Hz							
Type							
2P	Rating (In)		Control voltage (V AC) (50 Hz)	Consumption		Max. power	
	AC7a	AC7b		Holding	Inrush		
2P	16 A	5 A	220	2.7 VA	9.2 VA	1.2 W	A9C23512
			230...240	2.7 VA	9.2 VA	1.2 W	A9C23712
			220	3.8 VA	15 VA	1.3 W	A9C23515
			230...240	2.7 VA	9.2 VA	1.2 W	A9C23715
	25 A	8.5 A	24	3.8 VA	15 VA	1.3 W	A9C21132
			220	2.7 VA	9.2 VA	1.2 W	A9C21532
			230...240	2.7 VA	9.2 VA	1.2 W	A9C21732
	40 A	15 A	24	4.6 VA	34 VA	1.6 W	A9C21142
			220...240	4.6 VA	34 VA	1.6 W	A9C21842
	63 A	20 A	24	4.6 VA	34 VA	1.6 W	A9C21162
			220...240	4.6 VA	34 VA	1.6 W	A9C21862
	<b>3P</b>						
3P	25 A	8.5 A	220...240	4.6 VA	34 VA	1.6 W	A9C21833
	40 A	15 A	220...240	6.5 VA	53 VA	2.1 W	A9C21843
<b>4P</b>							
4P	25 A	8.5 A	24	4.6 VA	34 VA	1.6 W	A9C21134
			220...240	4.6 VA	34 VA	1.6 W	A9C21834
	40 A	15 A	24	6.5 VA	53 VA	2.1 W	A9C21144
			220...240	6.5 VA	53 VA	2.1 W	A9C21844
	63 A	20 A	24	6.5 VA	53 VA	2.1 W	A9C21164
			220...240	6.5 VA	53 VA	2.1 W	A9C21864

iCT contactors - 60 Hz							
Type							
1P	Rating (In)		Control voltage (V AC) (60 Hz)	Consumption		Max. power	
	AC7a	AC7b		Holding	Inrush		
1P	25 A	8.5 A	127	3.8 VA	15 VA	1.3 W	A9C20431
			220 ...240	2.7 VA	9.2 VA	0.9 W	A9C20631
<b>2P</b>							
2P	16 A	5 A	127	3.8 VA	15 VA	1.3 W	A9C22415
			220...240	2.7 VA	9.2 VA	0.9 W	A9C22615
	25 A	8.5 A	127	3.8 VA	15 VA	1.3 W	A9C20432
			220...240	2.7 VA	9.2 VA	0.9 W	A9C20632
			127	3.8 VA	15 VA	1.3 W	A9C20436
	40 A	15 A	220...240	2.7 VA	9.2 VA	0.9 W	A9C20636
127			4.6 VA	34 VA	1.6 W	A9C20442	
40 A	15 A	220...240	4.6 VA	34 VA	1.6 W	A9C20642	
		<b>3P</b>					
3P	25 A	8.5 A	127	4.6 VA	34 VA	1.6 W	A9C20433
			220...240	4.6 VA	34 VA	1.6 W	A9C20633
	40 A	15 A	127	6.5 VA	53 VA	2.1 W	A9C20443
			220...240	6.5 VA	53 VA	2.1 W	A9C20643
	63 A	20 A	127	6.5 VA	53 VA	2.1 W	A9C20463
			220...240	6.5 VA	53 VA	2.1 W	A9C20663

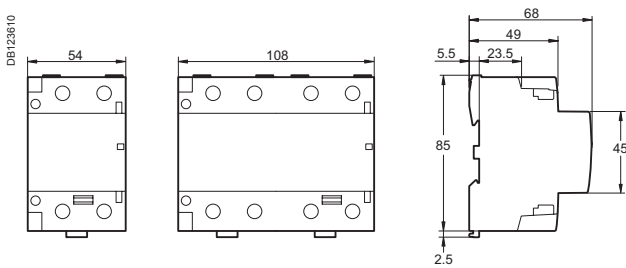
# Control Remote control iCT contactors Dimensions for iCT

## Dimensions (mm)

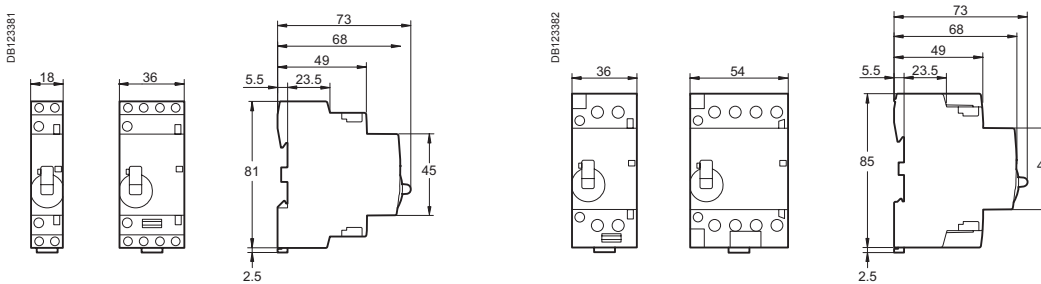


iCT 16/25 A

iCT 40/63 A

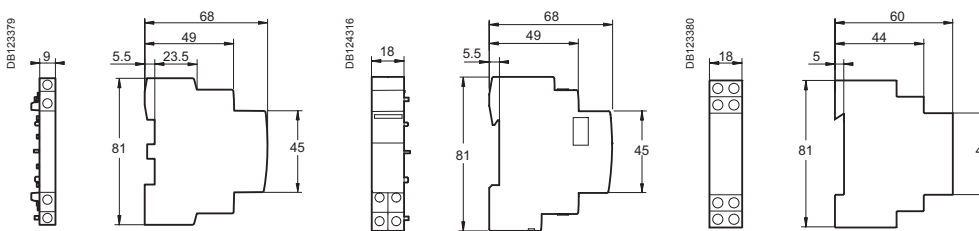


iCT 100 A



iCT manual control contactor 16/25 A

iCT manual control contactor 40/63 A



iACTs

iACT24

iATEt  
iACTp  
iACTc



4.0	29/03/2017	New charte	Sonovision
3.5	29/11/2016	Added iACTs contact rating page 10	Sonovision
3.4	15/09/2016	Changed iATEt Type H diagram page 11	Sonovision
3.3	21/03/2016	Added text page 9	Sonovision
3.2	5/06/2014	Add (*) for 100 A products pages 4 and 15	Sedoc
3.1	7/04/2014	Changed iACTs diagrams page 10	Sedoc
3.0	12/11/2012	Changed Choice of 60 Hz contactors, table page 3	Sedoc
2.9	29/10/2012	Changed AC9 to A9C page 1	Sedoc
2.8	12/10/2012	Changed < 4 s to < 70 ms and >5 s to 80 ms page 10	Sedoc
2.7	20/09/2012	Changed < 1 s to < 4 s page 10	Sedoc
2.6	16/07/2012	Add 50/60 Hz for Control Voltage pages 5-12	Sedoc
2.5	2/04/2012	Add 8 (OVC IV) in iACT24 table page 12	Sedoc
2.4	20/03/2012	Add text: minimum duration 200 ms page 13	Sedoc
2.3	16/02/2012	Changed photo prefabricated cable and deleted Ti 24 ferrule connection- Changed diagrams and technical data iACT24	Sedoc
2.2	04/10/2011	Change Multicontrol by Smartlink	Sedoc
2.1	05/09/2011	Add iACT24	Sedoc
2.0	19/05/2011	InDesign CS5	Sedoc
1.3	27/01/2011	Add France cat. no. A9C24732, A9C24834, A9C25732	Sedoc
1.2	20/01/2011	Deleted Cat. no. A9C21136, A9C21137, A9C21147 and diagrams NC pages 5 and 14 - Updated text "yellow clip" and the table page 3 and text "yellow clip" page 12	Sedoc
1.0	12/01/2011	Creation	Sedoc
<b>Indice</b>	<b>Date</b>	<b>Modification</b>	<b>Name</b>