



Make safety a priority

Acti9 iCT contactors catalogue

Ensure global safety standards compliance with smart, reliable, connected Type B Residual Current Circuit Breakers from Schneider Electric.

schneider-electric.com

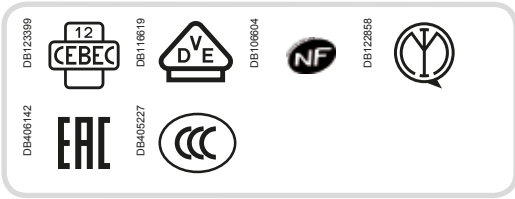
Life Is On

Schneider
Electric

Control

Remote control

Acti9 iCT contactors



IEC/EN 61095

As per the above standards:

Acti9 iCT contactors are available in two versions:

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

The breadth of the Acti9 iCT contactor range satisfies most application cases. Acti9 iCT contactors can be combined with auxiliary control, protection and indication functions.

- Acti9 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.
- The 3P+N Contactor comes with a reinforced neutral pole. It will bring robustness to control 3-phase loads or single-phase loads requiring group control.

> 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

Acti9 iCT contactors (cont.)

PB106115-39

Yellow clip
 ■ Clip-on system for electrical and mechanical connections between contactors ≥ 25 A and their auxiliaries

■ Insulated terminals IP20

■ Large circuit labeling area

■ Minimum noise

■ Consistent with the entire Acti9 offer and with all types of lighting

■ Mechanical contact position indicator

■ 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



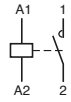
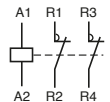
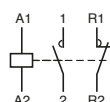
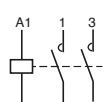
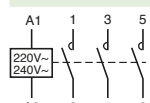
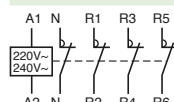
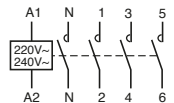
Choice of 60 Hz contactors				
Contactor				Manually-operated contactors
16	25	40	63	40
Contactors that can be equipped with auxiliaries				
Yes				Yes
No	Yes			Yes
No	Yes			Yes
No	Yes			No

Control

Remote control

Acti9 iCT contactors (cont.)

Catalog numbers

Acti9 iCT contactors - 50 Hz								
Type						Width in 9 mm modules		
1P	Rating (In)		Control voltage (V AC) (50 Hz)	Contact				
	AC7a	AC7b						
	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			
2P								
	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		
	20 A	-	12	1NO+1NC	A9C22015	2		
			24	1NO+1NC	A9C22115	2		
			220	1NO+1NC	A9C22515	2		
			230...240	1NO+1NC	A9C22715	2		
	25 A	8.5 A	230...240	2NO	A9C22722	2		
			24	2NO	A9C20132	2		
			48	2NO	A9C20232	2		
			220	2NO	A9C20532	2		
			230...240	2NO	A9C20732	2		
			220	2NC	A9C20536	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			
3P								
	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		
3P+N								
	40 A	15 A	220...240	4NO	A9C24740	6		
			220...240	4NC	A9C22740	6		
	63 A	20 A	220...240	4NO	A9C24763	6		
			220...240	4NC	A9C22763	6		

(*) do not use for lighting applications

Control

Remote control

Acti9 iCT contactors (cont.)

Catalog numbers

Acti9 iCT contactors - 50 Hz						Width in 9 mm modules		
Type	Rating (In)		Control voltage (V AC) (50 Hz)	Contact				
4P	AC7a	AC7b						
	16 A	6 A	24	4NO	A9C22114	4		
			220...240	4NO	A9C22814	4		
			220...240	2NO+2NC	A9C22818	4		
	20 A	-	220...240	4NO	A9C22824	4		
			25 A	8.5 A	24	4NO	A9C20134	4
			220...240		4NO	A9C20834	4	
220...240	4NC	A9C20137	4					
	40 A	15 A	220...240	4NO	A9C20844	6		
			63 A	20 A	220...240	4NC	A9C20847	6
					24	4NO	A9C20164	6
220...240	4NO	A9C20864			6			
	25 A	-	24	4NC	A9C20167	6		
			220...240	4NC	A9C20867	6		
			220...240	2NO+2NC	A9C20868	6		
	100 A (*)	-	220...240	3NO+1NC	A9C20869	6		
			220...240	4NO	A9C20884	12		

(*) do not use for lighting applications

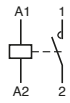
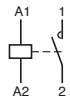
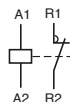
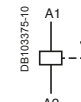
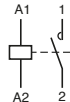
Acti9 iCT manual control contactor 50 Hz						Width in 9 mm modules		
Type	Rating (In)		Control voltage (V AC) (50 Hz)	Contact				
2P	AC7a	AC7b						
	16 A	6 A	220	2NO	A9C23512	2		
			230...240	2NO	A9C23712	2		
			220	1NO+1NC	A9C23515	2		
			230...240	1NO+1NC	A9C23715	2		
			25 A	8,5 A	24	2NO	A9C21132	2
			220		2NO	A9C21532	2	
	40 A	15 A	230...240	2NO	A9C21732	2		
			24	2NO	A9C21142	2		
			220...240	2NO	A9C21842	4		
			63 A	20 A	24	2NO	A9C21162	4
					220...240	2NO	A9C21862	4
					220...240	2NO	A9C21862	4
	25 A	8,5 A	220...240	3NO	A9C21833	4		
			40 A	15 A	220...240	3NO	A9C21843	6

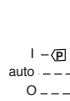
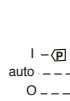
Control

Remote control

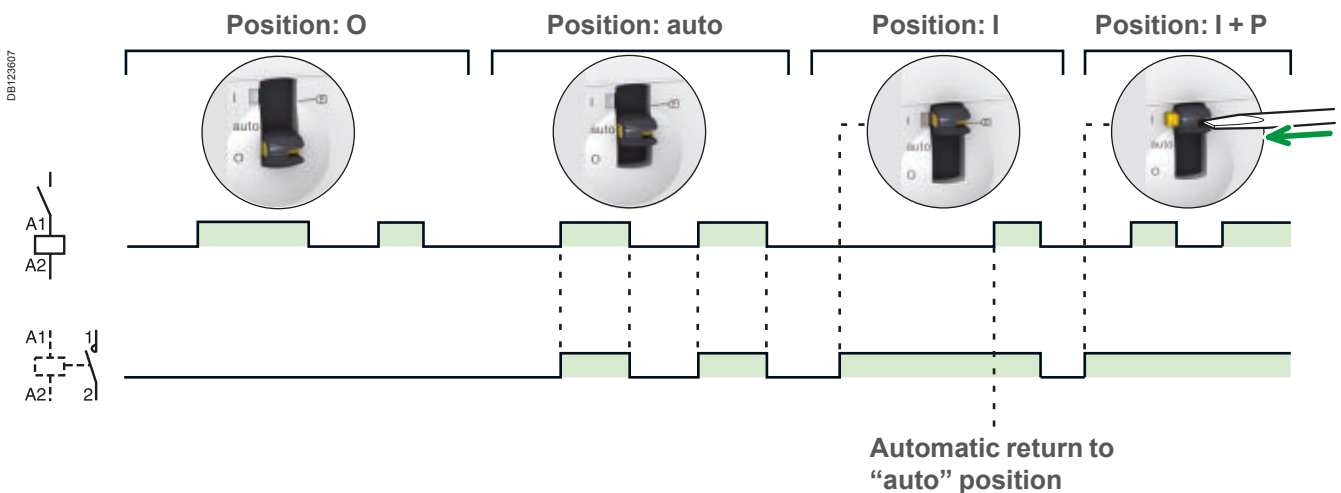
Acti9 iCT contactors (cont.)

Catalog numbers

Acti9 iCT contactors - 60 Hz						
Type						Width in 9 mm modules
1P 	Rating (In)		Control voltage (V AC) (60 Hz)	Contact	Catalog number	
	AC7a	AC7b				
	25 A	8.5 A	127	1NO	A9C20431	2
			220...240	1NO	A9C20631	2
2P  	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
3P 	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

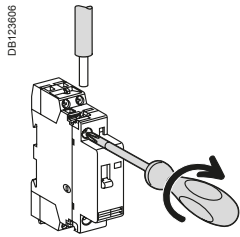
Type						Width in 9 mm modules
2P 	Rating (In)		Control voltage (V AC) (60 Hz)	Contact	Catalog number	
	AC7a	AC7b				
	40 A	15 A	127	2NO	A9C21442	4
			220...240	2NO	A9C21642	4





Operation (Manual control contactor)

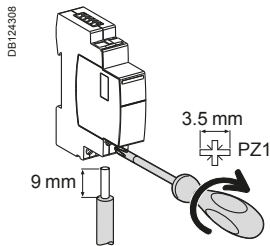





Control Remote control Acti9 iCT contactors (cont.)

Connection

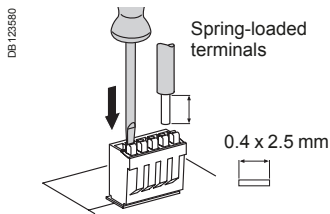




Type	Circuit	Rating	Length tripping	Tightening torque	Copper cables		
					Rigid	Flexible or with ferrule	
Acti9 iCT	PZ1: 4 mm	Control	16 - 100 A	9 mm	0.8 N.m		
		Power	16 and 25 A				
	PZ2: 6 mm	40 A - 63 A	14 mm	3.5 N.m			
iACTs, iACTp, iACTc, iATeT	PZ1: 4 mm	-	-	9 mm	0.8 N.m	1.5 to 2.5 mm ² 2 x 1.5 mm ²	1.5 to 2.5 mm ² 2 x 2.5 mm ²



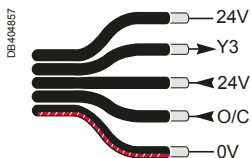
Type	Terminals	Tightening torque	Copper cables		
			Rigid	Flexible	Flexible or with ferrule
iACT24	Power supply (N/P) Input (Y1/Y2)	1 N.m			
			0.5 to 10 mm ² 2 x 0.5 to 2 x 2.5 mm ²	0.5 to 6 mm ² 2 x 0.5 to 2 x 2.5 mm ²	0.5 to 4 mm ² 2 x 0.5 to 2 x 2.5 mm ²

Ti24 connector connection



Type	Catalog numbers	Copper cables	
		Rigid	Flexible
Ti24 Interface	A9XC2412		
		1 x 0.5 to 1.5 mm ²	1 x 0.5 to 1.5 mm ²

Ti24 prefabricated cables connection

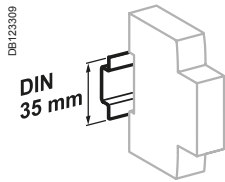


Type	Catalog numbers	Length
Connection for Acti9 Smartlink		
6 short prefabricated	A9XCAS06	100 mm
6 medium-sized prefabricated	A9XCAM06	160 mm
6 long prefabricated	A9XCAL06	870 mm
Connection for PLC type terminals		
6 long prefabricated on a single side	A9XCAU06	870 mm

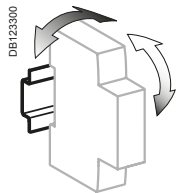
Control

Remote control

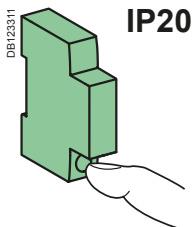
Acti9 iCT contactors (cont.)



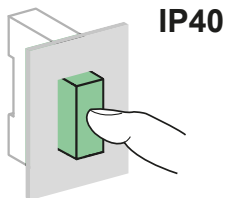
Clip on DIN rail 35 mm.



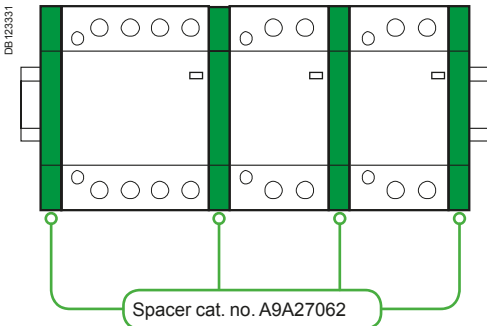
± 30° vertical.



IP20



IP40



Technical data

Power circuit		
Voltage rating (Ue)	1P, 2P	250 V AC
	3P, 3P+N, 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 operations per 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 ⁽¹⁾	
Storage temperature	-40°C to +70°C	
Tropicalization (IEC 60068-2-30)	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 a 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

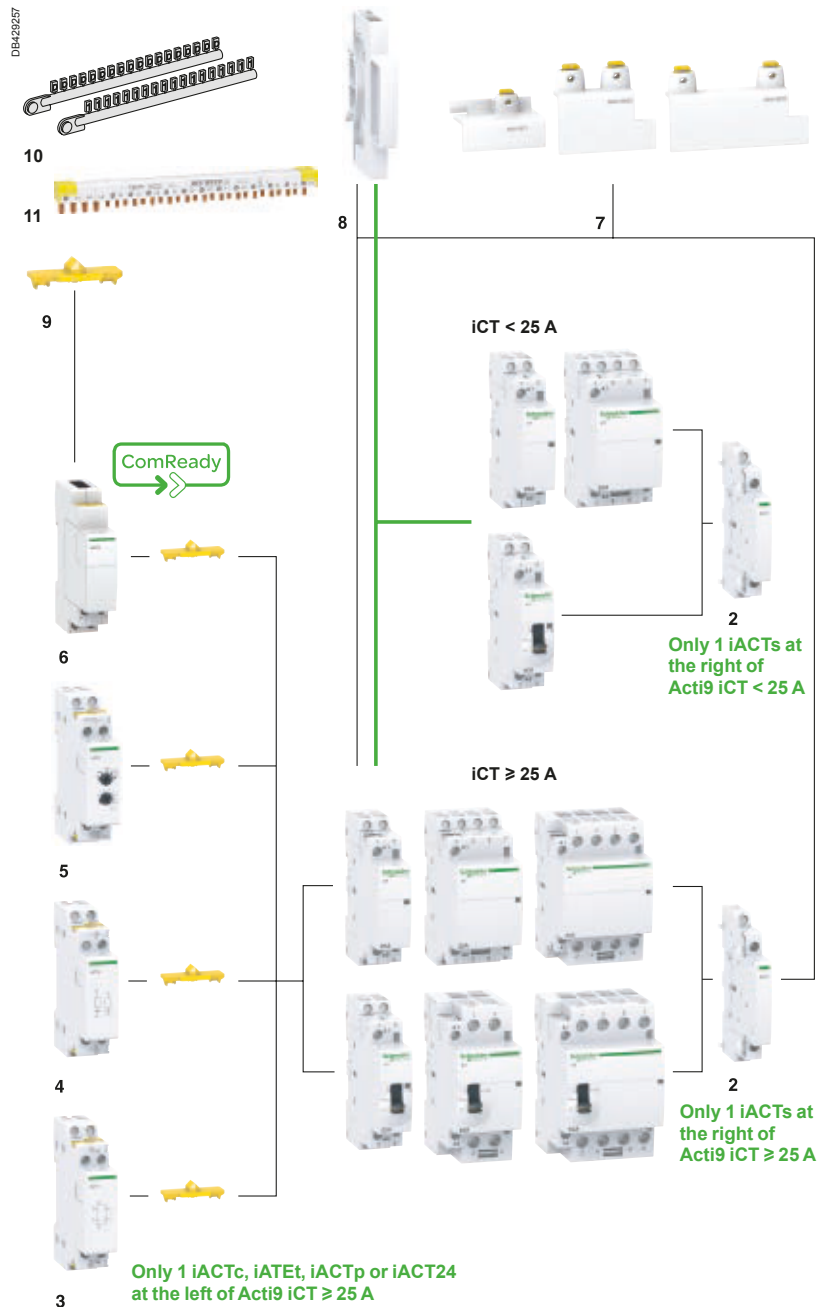
Acti9 iCT contactors (cont.)

Mounting accessories

7	Sealable screw shields for top and bottom	3P, 4P 25 A	A9A15921
		2P 40/63 A	A9A15922
		3P, 40/63 A	A9A15923
		3P+N, 4P	
8	9 mm spacer		A9A27062
9	Yellow clips		A9C15415
10	Clip-on terminal markers	see module	CA907001
11	Comb busbar	3P+N	A9XCT712

Auxiliaries




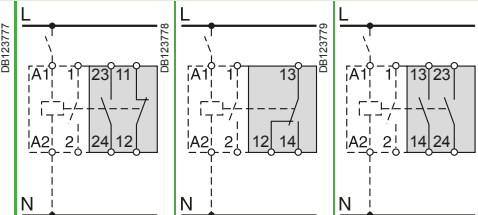
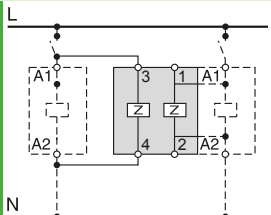
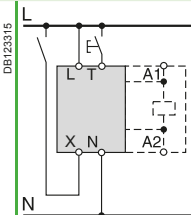
Indication			
2	Acti9 iACTs	1NO + 1NC	A9C15914
		1CO	A9C15915
		2NO	A9C15916
Double control inputs			
3	Acti9 iACTc	230 V AC	A9C18308
		24 V AC	A9C18309
Coil suppression blocs			
4	Acti9 iACTp	12...48 V AC	A9C15919
		48...127 V AC	A9C15918
		220...240 V AC	A9C15920
Time delay			
5	Acti9 iATEt	24...240 V AC	A9C15419
Control and indication			
6	Acti9 iACT24	230 V AC	A9C15924



Control
Remote control

Acti9 iCT contactors

Electrical auxiliaries for Acti9 iCT

	Indication			Protection			Control	
Auxiliaries	Acti9 iACTs			Acti9 iACTp			Acti9 iACTc	
Type	Indication			Interference filtering			Impulse/latched control	
	With Open/Close auxiliary contact			2 protection circuits				
								
Function	<ul style="list-style-type: none"> This auxiliary allows indication of the "open" or "closed" position of the contactor power contacts 			<ul style="list-style-type: none"> This auxiliary is an interference suppressor which limits overvoltages on the control circuit 			<ul style="list-style-type: none"> This auxiliary, combined with contactors, enables them to be controlled by 2 order types: <ul style="list-style-type: none"> impulse order for local control (input T) latched order for centralised control (input X) the last order received takes priority 	
Wiring diagrams								
Mounting	<ul style="list-style-type: none"> Mounted to the right of Acti9 iCT 			<ul style="list-style-type: none"> Mounted to the left of Acti9 iCT by yellow clips⁽¹⁾ By wires 			<ul style="list-style-type: none"> Mounted to the left of Acti9 iCT by yellow clips⁽¹⁾ 	
Use	-			<ul style="list-style-type: none"> The iACTp has 2 separate and identical circuits, allowing it to be combined with 2 different one on the Acti9 iCT the other by wires 			<ul style="list-style-type: none"> Mains power outages: <ul style="list-style-type: none"> < 70 ms: keeps its initial status > 80 ms: reset put back into operation by manual operation on input X or T. Minimum impulse duration: 250 ms 	
Catalog 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"> Minimum: 10 mA at 24 V DC/AC Maximum: <ul style="list-style-type: none"> 5 A at 230 V AC, AC12 2 A at 230 V AC, AC15 1 A at 130 V DC, DC13 		-			-	
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 ⁽²⁾ : 2 VA Holding ⁽²⁾ : 0.2 VA

(1) Electrical and mechanical link.

(2) Maximum consumption of all contactors controlled.

Acti9 iCT contactors

Electrical auxiliaries for Acti9 iCT (cont.)

Control (cont.)

Acti9 iATEt

Time delay

PF106125-34



■ This auxiliary is used to time delay for Acti9 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

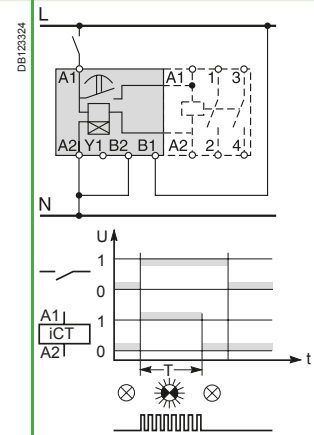
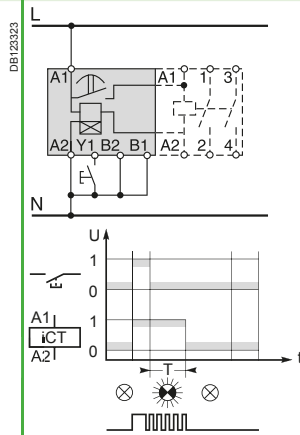
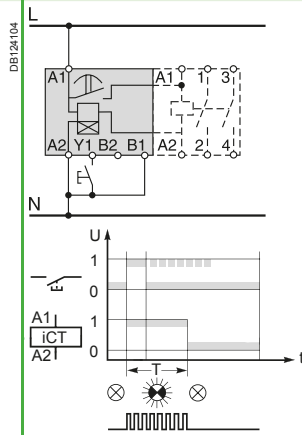
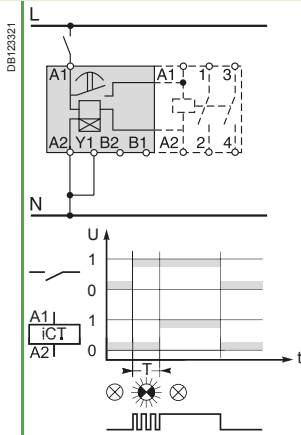
■ Energize the contactor by closing a push button.
■ The time delay starts as soon as the control contacts are closed.

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 Acti9 iCT by yellow clips⁽¹⁾

A9C15419

24...240

24...110

50/60

2

-

-

-

-20°C to +50°C

-40°C to +80°C

Off-load: 5 VA
Inrush⁽²⁾: 3 A
Holding⁽²⁾: 0.2 A

Acti9 iCT contactors

Electrical auxiliaries for Acti9 iCT (cont.)

Control and indication

Auxiliary	Acti9 iACT24
Type	Control and indication 24 V DC

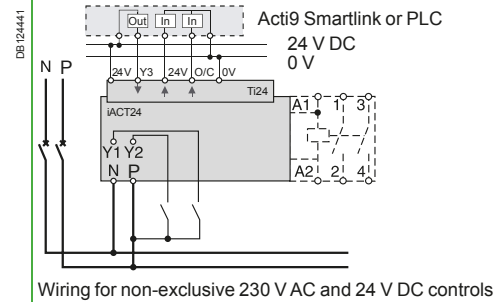
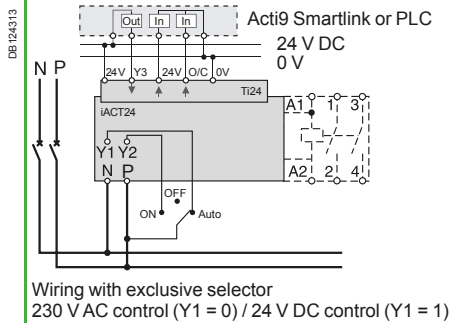
With Ti24 connector



Function

- This auxiliary allows a contactor to be interfaced with the Acti9 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 Acti9 iCT contactor using the yellow clips ⁽¹⁾.
- 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 Acti9 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)

Catalog numbers	A9C15924
------------------------	-----------------

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

Acti9 iCT contactors

Accessories for Acti9 iCT

Security

Accessories	Sealable screw shields			Yellow clips	Spacer
 PE104485-15	 PE104486-15	 PE104487-15	 PE108143-10	 PE104483-40	
Function	<ul style="list-style-type: none"> Designed to cover terminals to avoid contact with device screws. Allow sealing 			<ul style="list-style-type: none"> Ensure the mechanical and/or electrical link between contactors and their auxiliaries. 	<ul style="list-style-type: none"> Required to reduce temperature rise of modular devices installed side by side. Recommended to separate electronic devices (thermostat, programmable clock, etc.) from electromechanical devices (relays, contactors).
	<ul style="list-style-type: none"> For Acti9 iCT: 3P, 4P - 25 A 	<ul style="list-style-type: none"> For Acti9 iCT: 2P - 40/63 A 	<ul style="list-style-type: none"> For Acti9 iCT: 3P, 3P+N, 4P - 40/63 A 	<ul style="list-style-type: none"> For Acti9 iCT: ≥ 25 A 	
Set of	10 upstream / 10 downstream			10	5
Catalog numbers	A9A15921	A9A15922	A9A15923	A9C15415	A9A27062
Technical specifications					
Width in 9 mm modules	4	4	6	–	1
Number of poles	3P, 4P	2P	3P, 3P+N, 4P	–	–






Control

Remote control

Acti9 iCT contactors

Accessories for Acti9 iCT

Security

Accessories	Sealable screw shields			Yellow clips	Spacer
 PE104485-15	 PE104486-15	 PE104487-15	 PE108143-10	 PE104483-40	
Function	<ul style="list-style-type: none"> Designed to cover terminals to avoid contact with device screws. Allow sealing 			<ul style="list-style-type: none"> Ensure the mechanical and/or electrical link between contactors and their auxiliaries. 	<ul style="list-style-type: none"> Required to reduce temperature rise of modular devices installed side by side. Recommended to separate electronic devices (thermostat, programmable clock, etc.) from electromechanical devices (relays, contactors).
	<ul style="list-style-type: none"> For Acti9 iCT: 3P, 4P - 25 A 	<ul style="list-style-type: none"> For Acti9 iCT: 2P - 40/63 A 	<ul style="list-style-type: none"> For Acti9 iCT: 3P, 3P+N, 4P - 40/63 A 	<ul style="list-style-type: none"> For Acti9 iCT: ≥ 25 A 	
Set of	10 upstream / 10 downstream			10	5
Catalog numbers	A9A15921	A9A15922	A9A15923	A9C15415	A9A27062
Technical specifications					
Width in 9 mm modules	4	4	6	–	1
Number of poles	3P, 4P	2P	3P, 3P+N, 4P	–	–

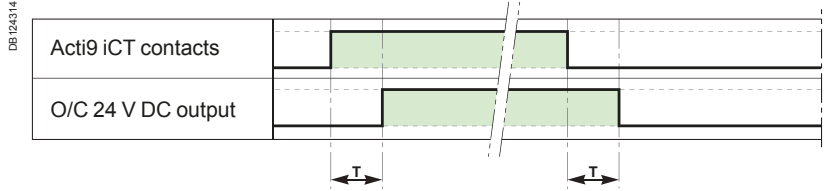
Acti9 iCT contactors

Technical advice for Acti9 iCT (cont.)



Operation of the iACT24

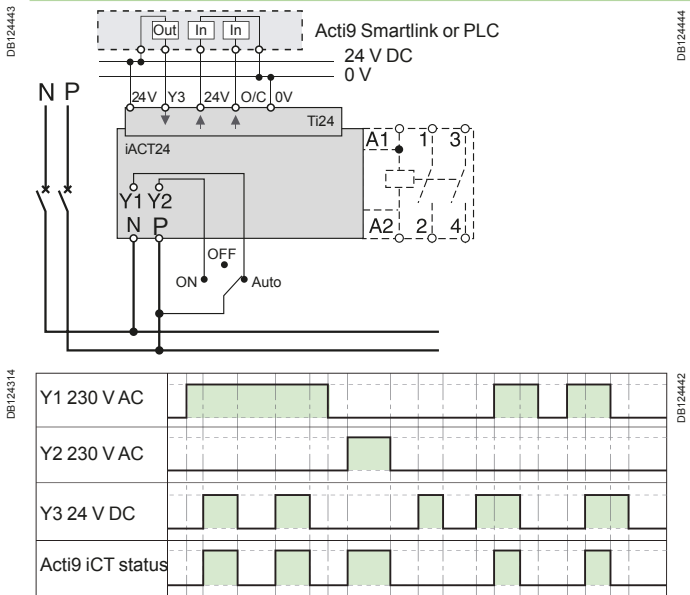
O/C 24 V DC output



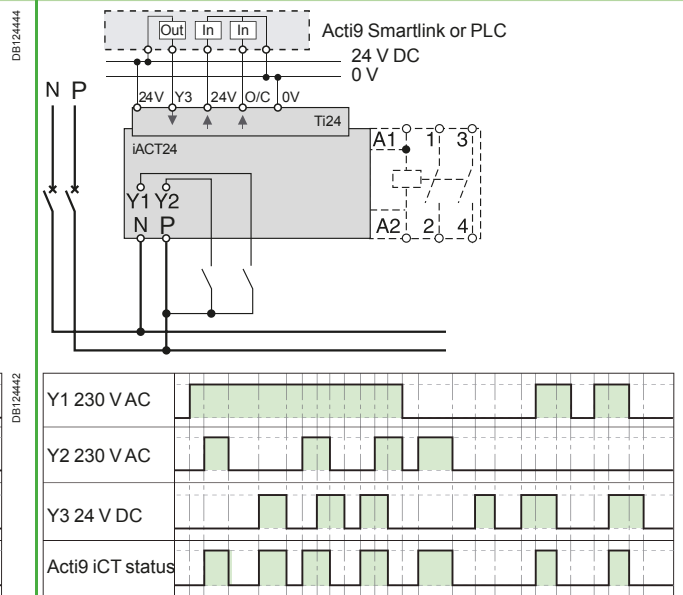
	Parameter	Min	Max
T	Time delay between iACT24 closing and indication	100 ms	200 ms

- 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 Acti9 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



Acti9 iCT contactors

Technical advice for Acti9 iCT (cont.)

Consumption

Acti9 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	16 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		
	8.5 A	25 A	220	3.8 VA	15 VA	1.3 W	A9C20531		
			230...240	2.7 VA	9.2 VA	1.2 W	A9C20731		
			2P						
			5 A	16 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			
24	3.8 VA	15 VA			1.3 W	A9C22115			
6.4 A	20 A	220	3.8 VA	15 VA	1.3 W	A9C22515			
		230...240	2.7 VA	9.2 VA	1.2 W	A9C22715			
		230...240	2.7 VA	9.2 VA	1.2 W	A9C22722			
8.5 A	25 A	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			
		220	3.8 VA	15 VA	1.3 W	A9C20732			
		230...240	2.7 VA	9.2 VA	1.2 W	A9C20536			
15 A	40 A	220...240	2.7 VA	9.2 VA	1.2 W	A9C20736			
		220...240	4.6 VA	34 VA	1.6 W	A9C20842			
		220...240	4.6 VA	34 VA	1.6 W	A9C20162			
20 A	63 A	24	4.6 VA	34 VA	1.6 W	A9C20862			
		220...240	4.6 VA	34 VA	1.6 W	A9C20862			
-	100 A (*)	220...240	6.5 VA	53 VA	2.1 W	A9C20882			
3P									
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			
3P+N									
40 A	15 A	220...240	6.5 VA	53 VA	2.1 W	A9C24740			
		220...240	6.5 VA	53 VA	2.1 W	A9C22740			
63 A	20 A	220...240	6.5 VA	53 VA	2.1 W	A9C24763			
		220...240	6.5 VA	53 VA	2.1 W	A9C22763			
4P									
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			
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			
100 A (*)	-	220...240	6.5 VA	53 VA	2.1 W	A9C20869			
		220...240	13 VA	106 VA	4.2 W	A9C20884			

(*) do not use for lighting applications

Acti9 iCT contactors

Technical advice for Acti9 iCT (cont.)

Consumption

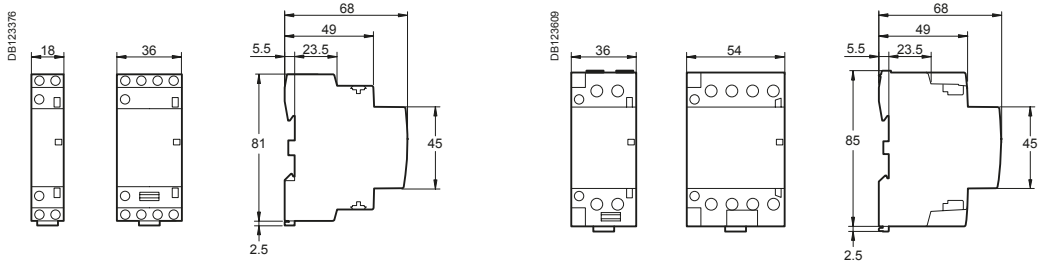
Acti9 iCT manual control contactor 50 Hz								
Type								
2P	Rating (In)		Control voltage (V AC) (50 Hz)	Consumption		Max. power		
	AC7a	AC7b		Holding	Inrush			
16 A	5 A		220	2.7 VA	9.2 VA	1.2 W	A9C23512	
			230...240	2.7 VA	9.2 VA	1.2 W	A9C23712	
			220	3.8 VA	15 VA	1.3 W	A9C23515	
			230...240	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	
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
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	

Acti9 iCT contactors - 60 Hz							
Type							
1P	Rating (In)		Control voltage (V AC) (60 Hz)	Consumption		Max. power	
	AC7a	AC7b		Holding	Inrush		
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
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
			220...240	2.7 VA	9.2 VA	0.9 W	A9C20636
40 A	15 A		127	4.6 VA	34 VA	1.6 W	A9C20442
			220...240	4.6 VA	34 VA	1.6 W	A9C20642
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
			127	6.5 VA	53 VA	2.1 W	A9C20463
			220...240	6.5 VA	53 VA	2.1 W	A9C20663

Acti9 iCT contactors

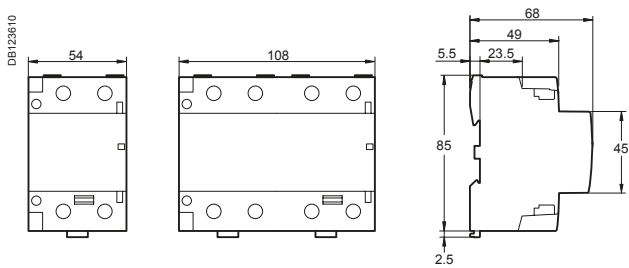
Dimensions for Acti9 iCT

Dimensions (mm)

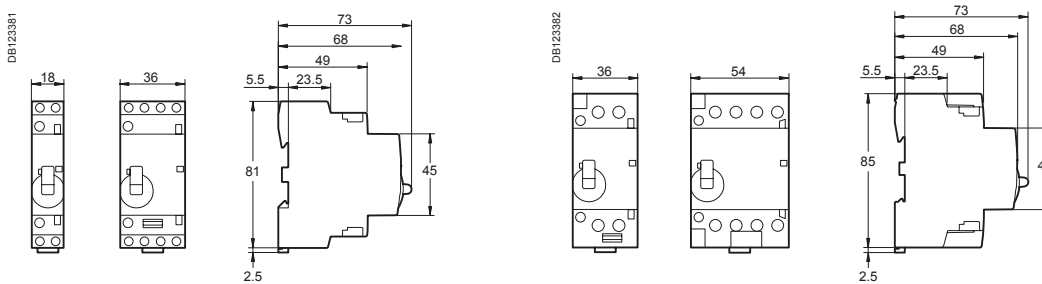


Acti9 iCT 16/25 A

Acti9 iCT 40/63 A

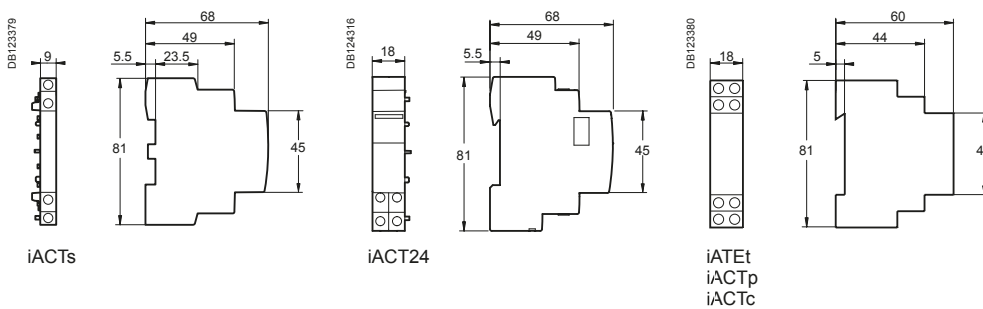


Acti9 iCT 100 A



Acti9 iCT manual control contactor 16/25 A

Acti9 iCT manual control contactor 40/63 A



iACTs

iACT24

iATEt
iACTp
iACTc

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