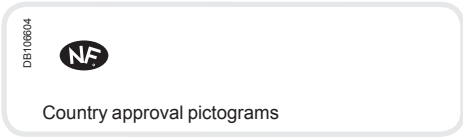


Control Remote control iCT+ high-performance contactors

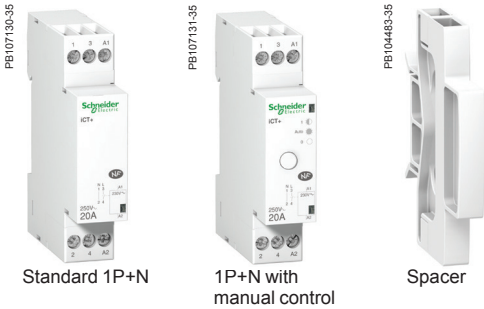


iCT+ high-performance contactors allow remote control of single-phase circuits. They are designed for demanding applications.

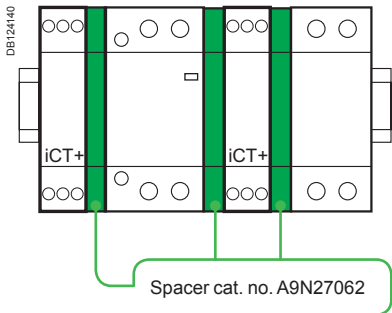
EN 60669-2-2

iCT+ high-performance contactors can be used for remote control of applications on AC networks:

- lighting, heating, ventilation, roller blinds, domestic hot water
- mechanical ventilation systems, etc.
- load shedding on non-priority circuits.



iCT+				
Type	Rating	Contact		Width in 9-mm modules
Standard 1P+N				
	20 A	1 NO	A9C15030	2+1 ⁽¹⁾
1P+N with manual control				
	20 A	1 NO	A9C15031	2+1 ⁽¹⁾

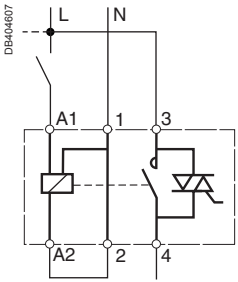


(1) Supplied with a 9 mm spacer (cat. no. A9N27062): to be used for mounting the iCT+ alongside a circuit breaker, contactor, impulse relay, etc., in order to maintain optimal operation.

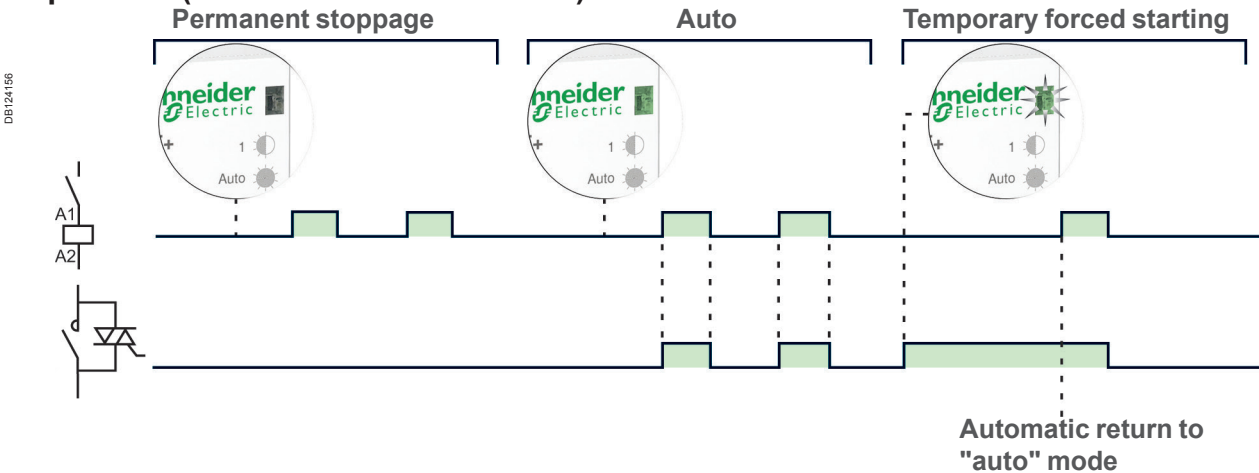


It is compulsory:

- to connect the neutral
- to keep the same control circuit connection "A1: phase", "A2: neutral"
- to use the same phase for connection of the power and control functions.



Operation (manual-control contactor)



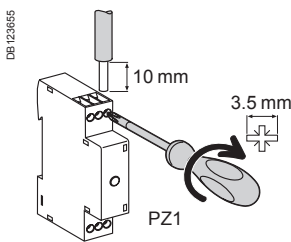
Control Remote control iCT+ high-performance contactors (cont.)

They combine the benefits of static switching and electromechanical technology: small size, little temperature rise.

- Silent
- Large number of switching operations
- Green indicator on the front panel:
 - fixed green: auto operation
 - flashing green: temporary forced starting
 - extinguished: permanent stoppage
- Operating mode selection push button:
 - auto operation
 - temporary forced starting*
 - permanent stoppage
- Equivalent performances with all types of lamps
- No derating
- Orange indicator: output contact closed

Following a mains failure, the iCT+ returns to "auto" operating mode irrespective of its initial state.

Connection



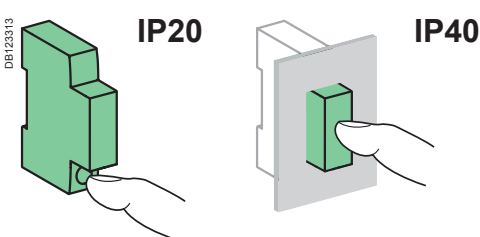
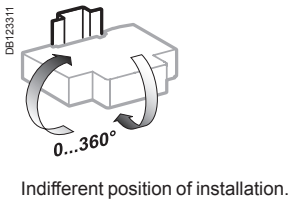
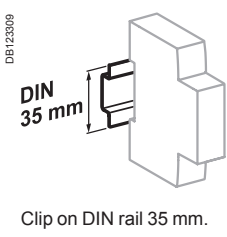
Type	Tightening torque	Copper cables	
		Rigid or flexible with ferrule	Rigid or flexible without ferrule
ICT+	1 N.m	2 x 1.5 mm ²	2 x 2.5 mm ² 1 x 4 mm ²

Technical data

Control circuit		
Coil voltage (Uc)		230 V AC (± 10 %)
Frequency		50 Hz
Inrush power		11 VA
Holding power		1.1 VA
Power circuit		
Voltage rating (Ue)		230 V AC (± 10 %)
Frequency		50 Hz
Electrical load	Minimum	20 W
	Maximum	3600 W
Max. number of switching operations per minute		6
Other characteristics		
Endurance (O-C)	Electrical	5.000.000 cycles
Pollution degree		3
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40 Insulation class II
Operating temperature		-5°C to +55°C
Storage temperature		-40°C to +60°C
Tropicalization (IEC 60068-1)		2 (relative humidity of 95 % at 55°C)

Weight (g)

High-performance contactors	
Type	iCT+
Standard 1P+N	70
1P+N with manual control	70



Control
Remote control

iCT+ high-performance contactors (cont.)



Indice	Date	Modification	Name
3.0	30/03/2017	New charte	Sonovision
2.1	16/11/2011	Change electrical diagrams and Electrical load technical data	Sedoc
2.0	19/05/2011	InDesign CS5	Sedoc
1.1	1/03/2011	Change: name CT+ by iCT+ and photos product	Sedoc
1.0	5/10/2010	Creation	Sedoc