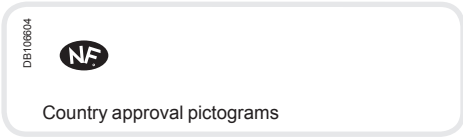


Control Remote control iTTL+ high-performance impulse relays

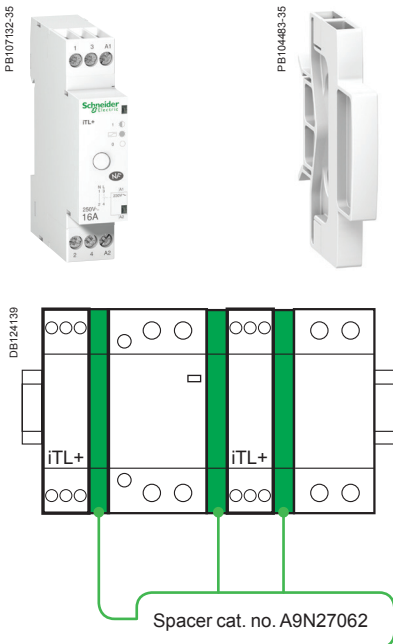


EN 60669-2-2

The iTTL+ high-performance impulse relay allows remote control of single-phase circuits. It is designed for demanding applications.

The iTTL+ high-performance impulse relay is used for push-button control of lighting circuits consisting of:

- incandescent lamps, low-voltage halogen lamps, etc. (resistive loads)
- fluorescent tubes, discharge lamps, etc. (inductive loads).



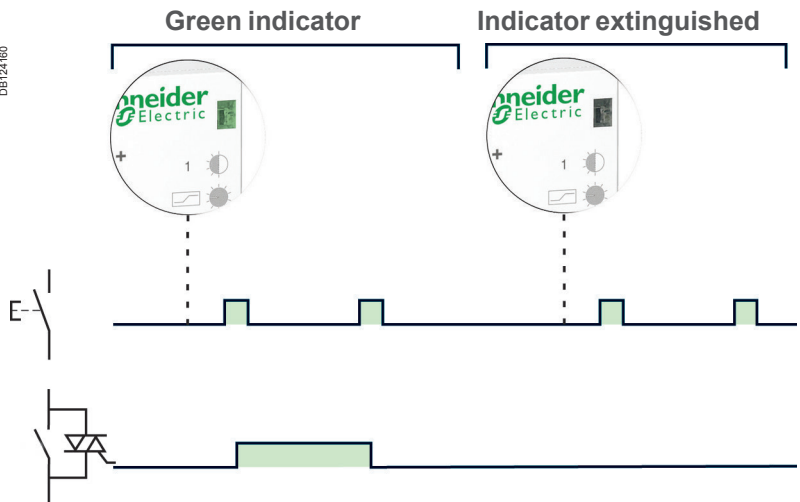
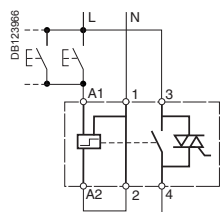
iTTL+			
Type	Rating		Width in 9 mm modules
1P+N			
	16 A	A9C15032	2+1 ⁽¹⁾

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

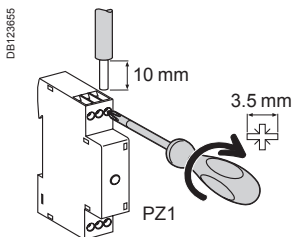


- It is compulsory:**
- to connect the neutral
 - to keep the same control circuit connection "A1: phase", "A2: neutral"
 - to use the same phase for connection of the power and control functions.

Operation



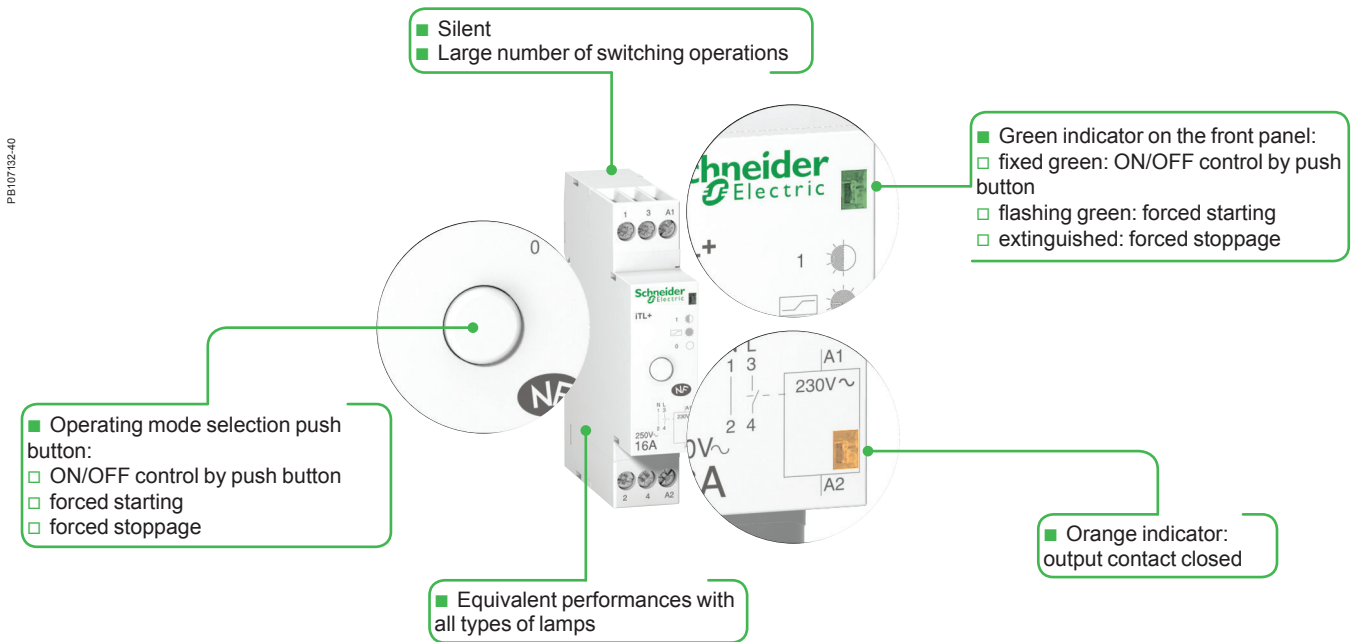
Connection



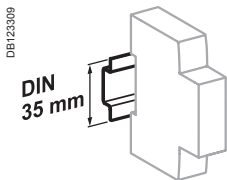
Type	Rating	Tightening torque	Copper cables	
			Rigid or flexible with ferrule	Rigid or flexible without ferrule
iTTL+	16 A	1 N.m		

iTL+ high-performance impulse relays (cont.)

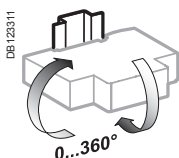
They combine the benefits of static switching and electromechanical technology: small size, little temperature rise.



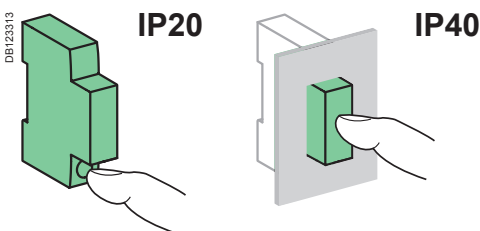
Following a mains failure, the iTL+ returns to 0 position (forced stoppage) irrespective of its initial state.



Clip on DIN rail 35 mm.



Indifferent position of installation.



Technical data

Control circuit		
Coil voltage (Uc)		230 V AC
Frequency		50 Hz
Inrush power		11 VA
Holding power		1.1 VA
Control by luminous push button		Max. current 5 mA
Control order duration		50 ms to 1 s (recommended 200 ms)
Power circuit		
Voltage rating (Ue)		230 V AC
Frequency		50 Hz
Electrical load	Minimum	20 W
	Maximum	3600 W
Max. number of switching operations per minute		6
Other characteristics		
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40 Insulation class II
Endurance (O-C)	Electrical	5.000.000 cycles (AC21 - AC22)
Noise level at activation		< 30 dBA
Operating temperature		-5°C to +55°C
Storage temperature		-40°C to +60°C
Tropicalization (IEC 60068-1)		Treatment 2 (relative humidity of 95 % at 55°C)

Weight (g)

High-performance impulse relays	
Type	iTL+
1P+N	70

Control
Remote control

iTL+ high-performance impulse relays (cont.)



3.0	30/03/2017	New charte	Sonovision
2.1	14/11/2011	Change electrical diagrams and Electrical load technical data	Sedoc
2.0	19/05/2011	InDesign CS5	Sedoc
1.1	1/03/2011	Change: name TL+ by iTL+ and photos product	Sedoc
1.0	18/11/2010	Creation	Sedoc
Indice	Date	Modification	Name