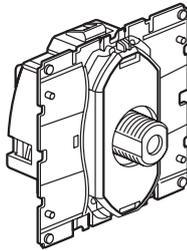
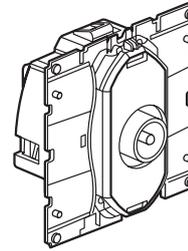


**Céliane™**  
**Single TV socket**

Cat. No(s): 673 80/82



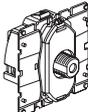
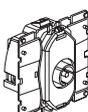
673 80



673 82

**1. USE**

860 MHz TV sockets for individual or collective installation with reception via:  
- hertzian antenna.  
- cabled network.  
- common head-end using VSB-AM (vestigial sideband amplitude modulation).

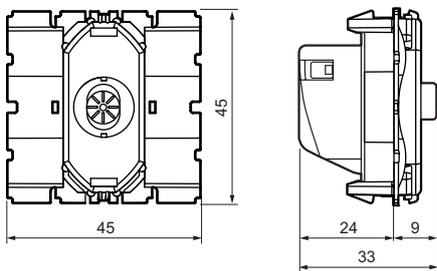
	Cat. No.	Designation	Nbr. of modules	Weight (g)
	673 80	Single female TV socket	2	48
	673 82	Single 9.52 male TV plug	2	42

**2. OVERALL DIMENSIONS**

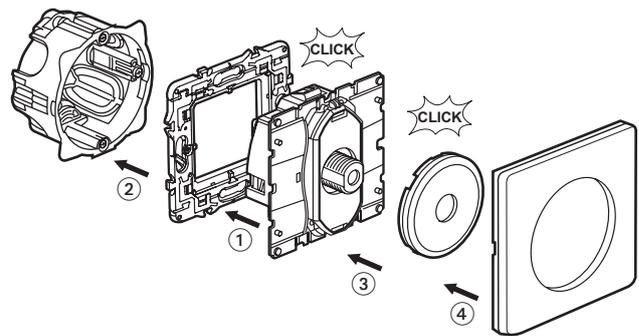
The mechanisms can be flush-mounted with an adapter Cat. No. 802 99 (2 modules).

The mechanisms can be mounted on thin walls with adapters: Cat. No. 802 91 (2 modules).

The mechanism can be flush or surface-mounted.



**3. INSTALLATION**



**4. TECHNICAL DATA**

**4.1 Mechanical characteristics**

- Impact resistance: IK 02
- Penetration by solid/liquid bodies: IP 20

**4.2 Material characteristics**

Cover plate: ABS IK 03

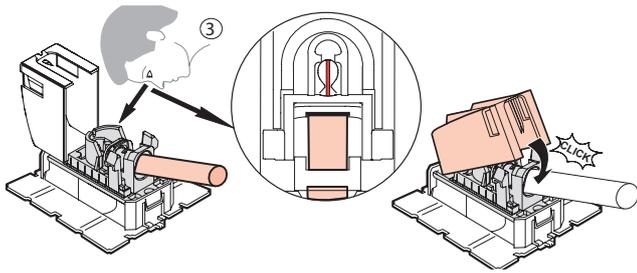
**4.3 Electrical characteristics**

- Male TV connector Ø 9.52 mm to IEC 169-2
- Frequency band:  
TV 5-68 120-862 MHz  
FM 87.5-108 MHz
- Typical impedance 75 Ω
- Backward channel on TV connector
- Loss through shield  
UHF > 65 dB  
VHF > 75 dB
- max. Ø of incoming cable on input: 7 mm

**4.4 Climatic characteristics**

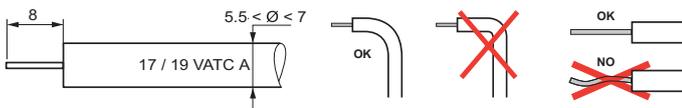
Storage and operating temperature: - 5 ° C to + 45° C

5. CONNECTION



5.1. Cabling precautions

Stripping length:



To avoid a break in impedance and therefore reduced performances caused by coaxial cable distortion, allow the maximum possible bend radius.

The use of a signal amplifier is required with throughwiring and terminal sockets to compensate for the losses generated by this technique.

6. PERFORMANCE

 673 80	Coax	Attenuation		Control	Channel 1	RD Channel	VHF Channel	UHF Channel	SAT Channel (IF)
	$Z = 75 \Omega$		500 mA						
			—	22 / 0.6	47 - 68	87.5 - 108	8120 - 470	470 - 862	950 - 2400
		dB	mA	KHz / V	MHz	MHz	MHz	MHz	MHz
 673 82	 TV 	$i < 1.5\text{dB}$							