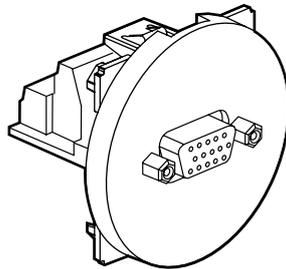


**Céliane™  
HD15 Socket**

Cat. No.(s): 673 16



**1. USE**

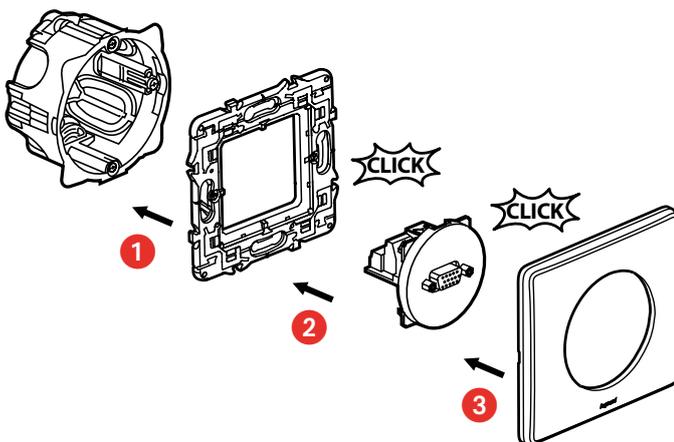
Transmits VGA, XGA or VESA analogue video signals.  
For VGA connection with a PC monitor, plasma screen, video projector, graphics tablet, etc.

**2. RANGE**

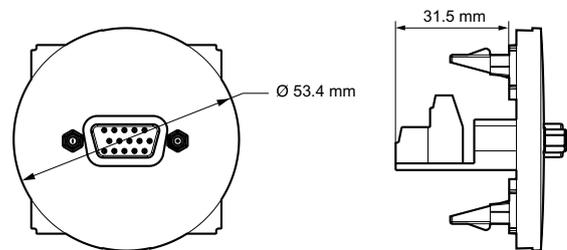
	Description	Module	Fixing method	Connection method	Weight (g)
	HD 15 Female socket	2	Snapfit	Screw	30

**3. INSTALLATION**

- The mechanisms are flush or surface-mounted.
- The mechanisms can be modular-mounted with an adaptor: 802 99 (2 modules).
- The mechanisms can mount onto thin panels with adapters: 802 91 (2 modules).



**4. DIMENSIONS**



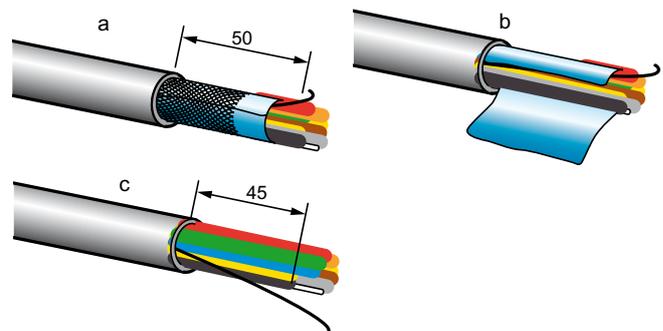
**5. CONNECTION**

Wide terminal bank compatible with max. 1 mm<sup>2</sup> conductor.  
Supplied in a bag containing:  
- 1 Colring cable tie  
- crimp terminals for < 0.5 mm<sup>2</sup> conductors  
- thermoformable sheaths.  
Cable bend radius: 35 mm.  
Max. cable length: 20 m (beyond that a VGA amplifier is recommended).

**Stripping**

Cords to be cut: 5 coaxials: 75 Ω Ø 2.7 + 5 conductors Ø 2.7 Gauge 28.

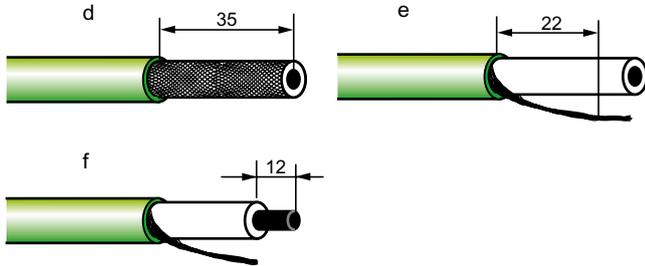
- a - Cable sheath removal length: 50 mm. Recover the general cable shield drain wire.
- b - Remove the aluminium shielding tape and braid.
- c - Shorten the coaxials to 45 mm (remove 5 mm).



**5. CONNECTION (cont.)**

**Stripping (cont.)**

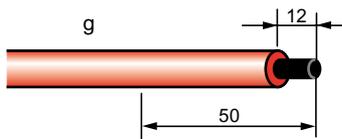
- d - Coaxial stripping length: 35 mm (red, green, blue, yellow, black).
- e - Shorten the braids to 22 mm (remove 13 mm).  
Remove the braid from the wires and twist them.
- f - Coaxial core stripping length: 12 mm.



- g - Single conductor stripping length:  
12 mm (orange, violet, brown, white, grey).

**Wiring**

Required tools: flathead screwdriver 0.4 x 2.5 mm and flat-nose pliers.  
Isolate the braids and the drain wire with the neoprene sleeves supplied, thread them through the crimp terminals supplied and crimp with the flat-nose pliers.



Fold the cable cores in two to improve mechanical resistance, thread them through the crimp terminals supplied and crimp with the flat-nose pliers.

Start by wiring the braids and the drain wire then the coaxial cores.

End with the single conductors.

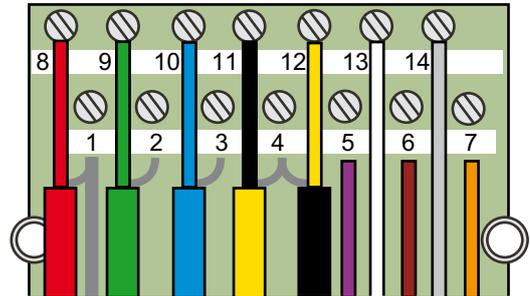
Hold the cable in place mechanically by using the cable tie supplied.

**Note:** pin no. 9 of the sub D connector is not wired.

**5. CONNECTION (cont.)**

**Wiring (cont.)**

Respect the wiring diagram below:



- 1 - General cable shield
- 1 - Red ground (Gnd R)
- 2 - Green ground (Gnd G)
- 3 - Blue ground (Gnd blue)
- 4 - Yellow + black ground (Gnd SH + SV)
- 5 - Purple Self test
- 6 - Brown ID Bit 0
- 7 - Orange ID Bit 2
- 8 - Red coaxial (R)
- 9 - Green coaxial (G)
- 10 - Blue coaxial (B)
- 11 - Black coaxial (SH)
- 12 - Yellow coaxial (SV)
- 13 - White ID Bit 1
- 14 - Grey ID Bit 3

**6. TECHNICAL CHARACTERISTICS**

**6.1 Mechanical characteristics**

Impact tests: IK 04  
Penetration of solids/liquids: IP 40

**6.2 Materials characteristics**

Base: Polycarbonate  
Cover: ABS (RAL 9003)  
Self-extinguishing: 650°C/30 s

**6.3 Climatic characteristics**

Storage temperature: - 10°C to + 70°C  
Operating temperature: - 5°C to + 50°C

**7. MAINTENANCE**

Surfaces may be cleaned using a cloth  
Do not use: acetone, tar remover or trichloroethylene.

**7.1 Resistance to cleaning products**

- Resistant to the following products:
- Hexane (EN 60669-1)
  - Methylated spirit
  - Soapy water
  - Diluted ammonia
  - Pure bleach diluted to 10%
  - Window cleaning products
  - Moist towelettes

**7.2 Resistance to medical cleaning products**

- Resistant to the following products:
- Anios
  - Surfanios
  - Bactily sine
  - Hydrogen peroxide (oxygenated water)

**Caution:** conduct preliminary tests before using any other specific cleaning products.