

## CT11w, CT21w

Coin, token and prepaid card operated Acceptors/Timers for 1-2 showers. Version with electronic coin acceptor and RFID prepaid card contactless readers.

Uses OLED graphic display.

art.187-11 **CT11w** - for 1 shower ([photo](#))

art.187-21 **CT21w** - for 2 showers ([photo](#))

- **Introduce coins or tokens, or place prepaid cards, wristbands or key rings next to the RFID reader to activate the solenoid valves.**
- Includes a 12Vdc output for **direct activation of a solenoid valves**, which must be purchased separately (art. 199-20).
- The **time of service** (closing of the relay) can be easily adjusted from 1 second to 24 hours.
- **Accumulation of time** feature possible. If enabled, the service time available can be increased (max. 48 hours) by inserting coins or tokens, or by placing the TAGs/transponders next to the RFID reader more than once. If feature is disabled, no increase of available time can be effectuated: coins or tokens will be returned from the the Coin Acceptor and no credit adjustment in the RFID TAGs will occur.
- It is possible to **delay the start of service**, in order to save water prior to using the service.
- A **light display** (OLED) helps to illuminate the cost of the service when in use, the remaining time, and facilitates configuration.
- **Multilingual:** There are 5 languages to choose from (English, French, Spanish, German), facilitating easier comprehension of product instructions and use.
- **Start/Pause buttons** can be connected externally, enabling the customer to activate or stop the supply of water and regulate the pauses for lathering. The maximum time for a pause can be adjusted.
- The function "**end of water notice**" (automatic pause) causes a brief interruption of water to occur. This is useful for warning the customer of the remaining time available and for allowing sufficient time to finish bathing.
- **The counting time is memorized** in case power supply is interrupted and will automatically resume when power is restored. This prevents the time from being reset when brief interruptions occur and from any ensuing complaints.
- **Coins inserted when the CT is not in service will be rejected** and returned, thereby preventing disputes from customers.
- The **CT uses an electronic comparable coin Acceptor** which is easily programmable to accept any type of coin or token. Simply place a sample coin or token in the appropriate slot of the Acceptor and the coin/token will serve as a reference for all other coins/tokens inserted. It is easy then to change the type of coin that the **CT** will accept. As an option (see OPTIONS) the **CT** can also come with an **electronic multi-coin Acceptor**, useful for accepting various types of coins at the same time. For more information see OPTIONS.
- The function "**end of service notice**" utilizes a special output to warn customers of the end of service without interrupting the service. In this mode every **CT** service occupies 2 outputs (relay), reducing the number of available services by half (except on the **CT11w** which already has 2 outlets).
- The **RFID reader** allows for payment of services through the decrement of costs, and displays any remaining credit in the TAG/transponder. The code set by the administrator ensures that the payment system is safe. All TAG/transponders use RFID contactless technology without magnetic strips.
- The system requires a dedicated programmer (**Art. 193-01 CARDWRITER-01**) to load and zero the amount of the TAG/transponders. The totalizers allow for the verification of the amounts allocated.
- **Stainless steel container**, with high resistant coating for outdoors. International protection rating IP30. As an option (see OPTIONS), the **CT** can be furnished with protection from rain and water (international protection rating IP34).
- **Large coin drawer** that can hold circa 400-500 coins/tokens.
- The device does not fulfill the Italian obligation of electronic recording and data transmission (Art. 2, comma 2, D.Lgs. Italiano 127/2015).
- **Size and weight:** height 26 cm, width 22.5 cm, length 14 cm, weight 3.1 kg. The **small dimensions** of the article reduce bulkiness and make it more aesthetically pleasing.
- **Power supply:** 100-240V, 0.35A, 50-60 Hz. As an option, the 12Vdc version with power supply is also available (see OPTIONS).
- **Warranty:** 2 years ([info](#)).

OPTIONS (can be selected after adding article to basket)

- **Protection from rain and splashing water.** ([photo](#)) International protection rating IP34. This article is useful for uncovered outdoor installations or those situated where splashing water can reach them. Protection includes:



Art.187-11  
**CT11w Timer 1 shower with Coin and RFID Prepaid Card Acceptor**  
Size: H26x22,5x14cm. - Weight: 3.4kg.



Art.187-21  
**CT21w Timer 2 showers with Coin and RFID Prepaid Card Acceptor**  
Size: H26x22,5x14cm. - Weight: 3.6kg.



Art.R200-2  
**TOKEN monometallic**  
Size: diam. 26.6mm, spess. 2mm -- cm. -  
Weight: 0.0085kg.



Art.199-20  
**Solenoid valve, 12Vdc 8W max, G1/2 Female-Female, ISO-228**  
Size: 6x4xH10cm. - Weight: 0,50kg.



Art.199-27  
**Water Y-Strainer, size 1/2, female-female, ISO-228**  
Size: 6x3x5cm. - Weight: 0,15kg.



Art.199-30  
**Cover for Coin Acceptor**  
Size: H13.2x6.8x2.4cm. - Weight: 0,16kg.



Art.199-45  
**START/STOP push-button IP65, protected against splashing water**  
Size: 8.5x8.9x5.8cm. - Weight: 0.21kg.

1. Sturdy cover for coin acceptor (photo), as art.199-30.
2. Water resistant lock.
3. Washers for door mechanism.

- **Power supply 12Vdc.** Power supply device 12Vcc is useful when the CT is installed in places where it is obligatory to use a safety extra-low voltage (SELV). It comes furnished with its own power supply with a 12Vdc output and a 100-240V input, and should be installed in a place where the use of such voltage is permitted.

- **Electronic multi-coin Acceptor.(photo)** Useful for allowing the CT to accept up to 6 different types of coins. The operator can programme the coins by inserting each type of coin repeatedly. The programmed time on the CT relates to the coin of least value; the other 5 coins must have a multiple value of this. It is also possible to allow the Acceptor to accept two different coins (or one coin and one token) of the same value.

#### Articles needed for completion of a shower system

- **Solenoid valve 12Vdc 8Watt max.**

It should be inserted in the tubing or the shower spout so as to control the opening of water. Since the timer provides a 12Vdc output voltage for controlling the solenoid valve, it is therefore not necessary to purchase a power supply device for this valve. Use a common solenoid valve with 12Vdc solenoid (in direct current) and maximum absorption of 8 Watts.

If you are not in possession of such a solenoid valve, the following article can be purchased:

**Art.199-20 Solenoid valve 12Vdc 8W max, G1/2" Female-Female, ISO-228.**

- **Water Strainer (optional)**

Permits the filtering of impurities and particles present in the water. Its installation is advised for increasing the duration of the solenoid valve,

**Art.199-27 Water Y-Strainer, size 1/2", female-female, ISO-228.**

#### Optional articles (not included)

**Art.199-30 Cover for Coin Acceptor (photo1, photo2).** Sturdy steel protection case with powder coating and cathoporesis painting, and with transparent polycarbonate window. The cover is used for protecting the coin acceptor from splashing water or sand at seaside locations.

Very easy fastening, via 2 screws only, on all CT models.



Art.199-50  
**RFID Prepaid Card**  
Weight: 0,005kg.



Art.199-52  
**RFID Prepaid Card - 500 pieces package**  
Weight: 2,700kg.



Art.199-55  
**RFID Key ring**  
Weight: 0,005kg.



Art.199-62  
**RFID silicone Wristband, diam.65 mm**  
Weight: 0,015kg.



Art.199-64  
**RFID silicone Wristband, diam.74mm**  
Weight: 0,017kg.



Art.193-01  
**CARDWRITER-01 - RFID Programmer**  
Size: 13,2x8,9x15,7cm. - Weight: 1,04kg.