

## Start gate STSc

There are six types of start gates STSc. Basically you have to distinguish between manual and automatic start gates, number of contacts and start gates with or without speech amplifier:



Start gate with one contact



Start gate with two contacts

### **Manual (M):**

The start wand remains open after the start. The resetting ensues manual. The advantage of this variant is that there won't be any false impulses released, if the start wand is placed back briefly before the race.

### **Automatic (A):**

The start wand will be reset automatically after the start (resetting through a spring). The advantage of this variant is that this start gate can also be used at starts without a starter (f. ex. Selftimer SF2).

### **1 contact (1):**

The start gate has a potential free output, that means you can connect a timing device.

### **2 contacts (2):**

The start gate has two potential free outputs (one for the main timing and one for auxiliary timing). Every output has a separate switch. The start gate with two contacts is approved for races of FIS.

### **Speech amplifier (S):**

The start gates can have a speech amplifier built in. You can put a headset Q34 on a start gate with a built in speech amplifier. That way it's possible to talk over the start/stop line (power of the impulse) with the time-measurer (headset is put onto the timing device).

The battery lasts for about 1 or 2 seasons, depending on the use of the Speechamplifier. The impulse of the Startgate is also working without battery.

The following types of start gates are available:

- STScM1S:**
- ☞ Start gate with speech amplifier
  - ☞ 1 contact for the timing device
  - ☞ Manual resetting of the start wand
- STScM2S:**
- ☞ Start gate with speech amplifier
  - ☞ 2 contacts for two independent timing devices
  - ☞ Manual resetting of the start wand
  - ☞ Approved for races of FIS
- STScM1:**
- ☞ Start gate without speech amplifier
  - ☞ 1 contact for the timing device
  - ☞ Manual resetting of the start wand
- STScA1S:**
- ☞ Start gate with speech amplifier
  - ☞ 1 contact for the timing device
  - ☞ Automatic resetting of the start wand
- STScA2S:**
- ☞ Start gate with speech amplifier
  - ☞ 2 contacts for two independent timing devices
  - ☞ Automatic resetting of the start wand
  - ☞ Approved for races of FIS
- STScA1:**
- ☞ Start gate without speech amplifier
  - ☞ 1 contact for the timing device
  - ☞ Automatic resetting of the start wand
  - ☞ Is used preponderant for the selftimer SF2

