What is Claimed is:

1. A push button switch, comprising:

a swing rod (1) swingably supported on a base (4) and having a first side (11) and a second side (12) opposite to each other;

a driver (2) connected to the first side of the swing rod (1) and being rotatable between a first limiting position and a second limiting position;

an electrically conductive bridge (3) having a moving contact (31) and deflectably coupled to the second side of the swing rod (1);

an elastic element (5, 5') coupled between the driver (2) and the base (4) and drivably connected with the swing rod (1); and

a push button (6), configured to press the driver (2) at one of the first limiting position and the second limiting position while being pushed, to drive the driver (2) and the swing rod (1) to swing around a swing axis, such that the swing rod (1) drives the electrically conductive bridge (3) to deflect, which causes the moving contact to contact or disengage a stationary contact (7);

wherein the elastic element (5, 5') is configured to be driven by the swing rod (1) to elastically deform when the push button (6) is pushed to cause swing of the swing rod (1), whereas when the push button (6) is released, the elastic element (5, 5') that is elastically deformed drives the driver (2) to rotate from one of the first limiting position and the second limiting position to the other of the first limiting position and the second limiting position, and

wherein the swing rod (1) has a first end and a second end in a direction of the swing axis, the driver (2) is connected to the swing rod (1) at the first end of the swing rod (1), and the elastic element (5, 5') extends between the first end (13) and the second end (14) of the swing rod (1) on the first side (11) of the swing rod (1).

2. The push button switch of claim 1, wherein a first end of the elastic element (5') is drivably connected with the driver (2), and a second end of the elastic element (5') opposite to the first end is pivotally connected with the base (4), the swing rod (1) having a connecting piece on the first side, which is drivably connected with the elastic element (5') at a position between two ends of the elastic element (5').

3. The push button switch of claim 2, wherein the connecting piece is a shifting fork (10), which clamps the elastic element (5') at a position between two ends of the elastic

element (5’).

4. The push button switch of claim 2, wherein a length of the elastic element (5’) from a connection position with the connecting piece to a connection position with the driver (2) is greater than a length of the elastic element (5’) from a connection position with the connecting piece to a pivotal connection position with the base (4).

5. The push button switch of claim 1, wherein a first end of the elastic element (5) is drivably connected to the driver (2), and a second end of the elastic element (5) opposite to the first end is flexibly connected with the base (4), the elastic element (5) being pivotally connected, at a position between its two ends, to the first side (11) of the swing rod (1).

6. The push button switch of claim 5, wherein the base (4) comprises a stop groove (41) in the vicinity of a second end (14) of the swing rod (1), and a second end of the elastic element (5) extends into the stop groove (41), such that when the swing rod (1) drives the elastic element (5) to swing, the stop groove (41) at least partially restricts the second end of the elastic element (5) to move along with the swing rod (1), and the stop groove (41) allows the second end of the elastic element (5), when the push button being released, to rotate relative to the swing rod (1).

7. The push button switch of claim 5, wherein a length of the elastic element (5) from a pivotal connection position with the swing rod (1) to a connection position with the driver (2) is greater than a length of the elastic element (5) from a pivotal connection position with the swing rod (1) to a flexible connection position with the base (4).

8. The push button switch of any of claims 2-7, wherein the driver (2) comprises a driving hole (23) or a driving groove, and a first end of the elastic element (5, 5’) extends into the driving hole (23) or driving groove to drivably connect with the driver (2).

9. The push button switch of any of claims 1-7, wherein the elastic element (5, 5’) is a coil spring, a torsion spring, a leaf spring or an elastic wire.

10. The push button switch of any of claims 1-7, wherein the driver (2) is provided with two actuating blocks (21, 22) at two sides of the swing axis, the driver (2) being configured such that when it is at the first limiting position and the second limiting position, the push button (6), while being pushed, presses a different actuating block of the two actuating blocks (21, 22) to cause the swing rod (1) to swing to different directions.