What is claimed is:

1. An intermediate switch comprising a longitudinal axis, the switch comprising

a manipulating part configured to be rotatable within a plane perpendicular to the longitudinal axis;

a pair of inlet terminals;

a pair of outlet terminals each provided with a conducting sheet and the conducting sheet being provide with a pair of contacts; and

a pair of bridging pieces attached to the pair of inlet terminals respectively and being simultaneously driven by the manipulating part so as to rotate the pair of bridging pieces in opposite directions within planes parallel to the longitudinal axis upon rotation of the manipulating part such that conducting paths between the pair of inlet terminals and the pair of outlet terminals can be switched.

2. The intermediate switch according to claim 1, wherein the manipulating part comprises an operation piece and a driving piece arranged in succession along the longitudinal axis, the operation piece being pivotally mounted and configured to rotate in response to a pressing operation, the driving piece being pivotally mounted and configured to drive the driving piece to rotate around the longitudinal axis within the plane perpendicular to the longitudinal axis upon rotation of the operation piece.

3. The intermediate switch according to claim 1, wherein the manipulating part comprises a rotating knob and a driving piece as integral or separate members arranged along the longitudinal axis, the driving piece being configured to rotate about the longitudinal axis within the plane perpendicular to the longitudinal axis in response to rotation of the rotating knob.

4. The intermediate switch according to claim 2, wherein the operation piece includes a push part extending along a longitudinal axis direction; the driving piece comprises an abutting part mated with the push part, the push part and the abutting part being configured to interact with each other to drive the driving piece to rotate.

5. The intermediate switch according to claim 2, wherein the drive part has a push surface, the abutting part comprises a convex surface adapted to abut the corresponding push surface upon rotation of the operation piece.

6. The intermediate switch according to claim 2, wherein the push part and the abutting part are provided eccentrically relative to the longitudinal axis.

7. The intermediate switch according to claim 2 or 3, wherein the driving piece further comprises a force applying member adapted to apply fore to a corresponding bridging piece.

8. The intermediate switch according to claim 7, wherein the force applying member is a spring; the driving piece comprises a receiving cavity in which the spring is disposed; one end of the spring abuts against a bottom surface of the receiving cavity, while the other end of the spring

engages the bridging piece.

9. The intermediate switch according to claim 8, wherein the bridging piece comprises an engagement part engaged with the force applying member, the engagement part being a polygonal convex part, the force applying member being provided on the convex part.

10. The intermediate switch according to claim 7 or 8, wherein the receiving cavity comprises a notch adapted to provide a moving path to the bridging piece.

11. The intermediate switch according to claim 7 or 8, wherein each of the pair of inlet terminal and/or each of the pair of outlet terminals comprises a V-shaped concave part, the bridging piece further comprises a V-shaped convex part mated with the V-shaped concave part.

12. The intermediate switch according to claim 7, wherein the force applying member is a driving arm an end of which abuts the bridging piece.

13. The intermediate switch according to claim 12, wherein each of the pair of inlet terminal and/or each of the pair of outlet terminals comprises a convex-shaped surface so as to drive the bridging piece to sway along the convex surface in response to rotation of the driving piece so as to establish a connection between the inlet terminal and a corresponding outlet terminal via the bridging piece.

14. The intermediate switch according to claim 2 or 3, wherein the switch further comprises a housing and a base as integral or separate members arranged along the longitudinal axis, the base is provided with an opening extending along the longitudinal axis direction, a pivotal shaft of the driving piece comprising a claw part; through cooperation between the claw part and the opening, the driving piece is mounted to the base; and the operation piece is fitted to the housing via an axial hole.