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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 5825-2026

Replacing GB/T 5825-1986

**Symbolic designation for the opening and closing of building
doors, windows and curtain walls**

建筑门窗幕墙开关标志及符号

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4.1 General Provisions

4.1.1 The switching information of the movable fan should include displacement trajectory information and displacement value information.

4.1.2 The displacement trajectory information of the movable sector should be the path and direction of the movable sector when it undergoes spatial displacement, and the displacement value information should be the opening value of the movable sector. The maximum displacement value and related positioning dimensions after startup.

4.1.3 Switching information shall be determined according to the following spatial coordinate system (see Figure 1).

- a) Establish a coordinate system with the person outside the usable space and facing the activity sector;
- b) The closed plane of the active sector in its closed state is taken as the XY coordinate plane;
- c) In the XY coordinate plane, the positive X-axis is horizontal to the right, and the positive Y-axis is obtained by rotating 90° counterclockwise from the X-axis;
- d) The origin O of the spatial coordinate system is the minimum value of the X and Y coordinates of the movable sector;
- e) The positive direction of the Z-axis is defined as the direction that passes through the origin of the coordinate system, perpendicular to the XY coordinate plane, and points out of the plane.

4.1.4 Graphical and textual symbols for switches may be used separately. Graphical symbols should be marked on the XY coordinate plane (elevation view of the movable sector). It is advisable to mark the location of the moving sector's displacement trajectory on the XZ coordinate plane (moving sector plan view) or the YZ coordinate plane (moving sector cross-sectional view). See Figure

2. See Appendix A for examples of how to determine and apply the symbol for the movable fan switch.

4.2 Graphic Symbols The switch graphic symbol should be marked on the projection plane of the movable sector in accordance with the provisions of Table 1.

4.3 Text Symbols

4.3.1 The switch text symbol consists of a displacement trajectory code and a displacement value. Its order and content should conform to the provisions of Figure 3, and should also conform to the following... The regulations are listed.

- a) When the opening of the movable fan involves multiple actions, direction 1 and direction

2 represent the displacement directions of different actions, respectively, according to the actions. The order in which the text symbols determine the direction of displacement; when displacement actions occur simultaneously, they are ordered first by translation, then rotation, or according to... The order of X, Y, Z is used to determine the direction of displacement using alphanumeric symbols.

b) When the movable fan has multiple opening methods, the text symbols represent them in the order of the opening methods in the name.

4.3.2 The text symbols for displacement trajectory codes shall conform to the provisions of Table 2.

4.3.3 The text symbols for displacement values shall conform to the provisions of Table 3, and each field shall consist of a plus or minus sign and a number.

4.3.4 The text symbols for the commonly used opening and closing methods of movable doors, windows, and curtain walls shall conform to the provisions of Table 4.

5.1 Push and Pull

5.1.1 The graphic symbols for push and pull should be marked in the projection plane of the movable fan as shown in Figure 4.

5.1.2 The text symbols for push and pull mechanisms shall comply with the following regulations.

- a) The text symbol for pushing/pushing to the right [see Figure 4a)]. PXE x;
- b) The text symbol for pushing and pulling to the left [see Figure 4b)]. PXE-x.

5.2 Upward and downward pushing/pulling

5.2.1 The graphic symbols for the up and down push-pull should be marked in the projection plane of the movable fan as shown in Figure 5.

5.2.2 The text symbols for up and down sliding should conform to the following regulations.

- a) The text symbol for the push-pull button [see Figure 5a)]. PYE y;
- b) The text symbol for the push-pull [see Figure 5b)]. PYE-y.

5.3 Flat Push

5.3.1 The graphic symbol for the horizontal push should be marked in the projection plane of the movable sector as shown in Figure 6.

5.3.2 The text symbols for horizontal pushing shall comply with the following provisions.

- a) The text symbol for pushing inwards [see Figure 6a)]. PZE-z;

b) The text symbol for pushing outwards [see Figure 6b)]. PZE z.

5.4 Lifting Push and Pull

5.4.1 The graphic symbols for lifting and sliding should be marked in the projection plane of the movable fan as shown in Figure 7.

5.4.2 The text symbols for lifting and sliding should comply with the following regulations.

- a) The text symbol for lifting/pushing to the right [see Figure 7a)]. PYX yx;
- b) The text symbol for lifting and pulling to the left [see Figure 7b)]. PYX yx.

5.5 Lateral Shift Push-Pull

5.5.1 The graphic symbols for lateral sliding and pushing should be marked in the projection plane of the movable sector as shown in Figure 8.

5.6 Telescopic

5.6.1 The graphic symbols for expansion and contraction should be marked in the projection plane of the movable sector as shown in Figure 9.

5.6.2 Expandable text symbols shall comply with the following provisions.

- a) The text symbol for right-expanding [see Figure 9a)]. PXE x;
- b) Text symbol for leftward expansion [see Figure 9b)]. PXE-x.

6.1 Flat opening

6.1.1 The graphic symbols for the open side should be marked in the projection plane of the movable sector as shown in Figures 10 to 12.

6.1.2 Flat-opening text symbols shall comply with the following provisions.

- a) The alphanumeric symbol for the left-axis inward opening [see Figure 10a)]. RYE $\beta \pm e$;
- b) Text symbol for the left-axis outward opening [see Figure 10b)]. RYE- $\beta \pm e$;
- c) The text symbol for the right-hand inner opening [see Figure 11a)]. RYE- β a;
- d) Text symbol for right-axis outward opening [see Figure 11b)]. RYE β a;
- e) Text symbol for left-axis bidirectional flat opening [see Figure 12a)]. RYE $\pm \beta \pm e$;
- f) The text symbol for the right-axis bidirectional flat opening [see Figure 12b)]. RYE $\pm \beta$ a.

6.2 Upper and lower suspension

6.2.1 The graphic symbols for the upper and lower suspension switches should be marked