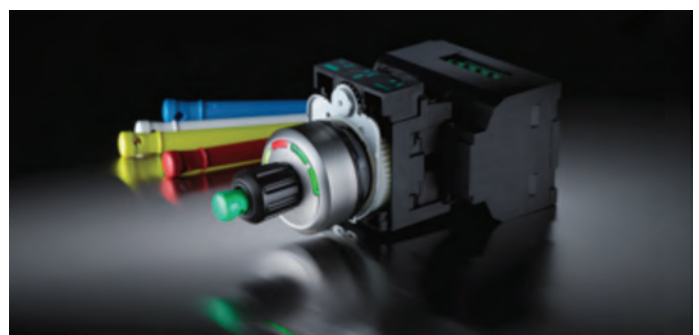# SIRIUS ACT ID
key-operated switch

Authentication and Selection with
State-of-the-Art RFID Technology

The SIRIUS ACT ID key-operated switch is an electronic switch based on modern, state-of-the-art RFID technology that helps you to increase security in your application by identifying and authorizing single users and user groups.
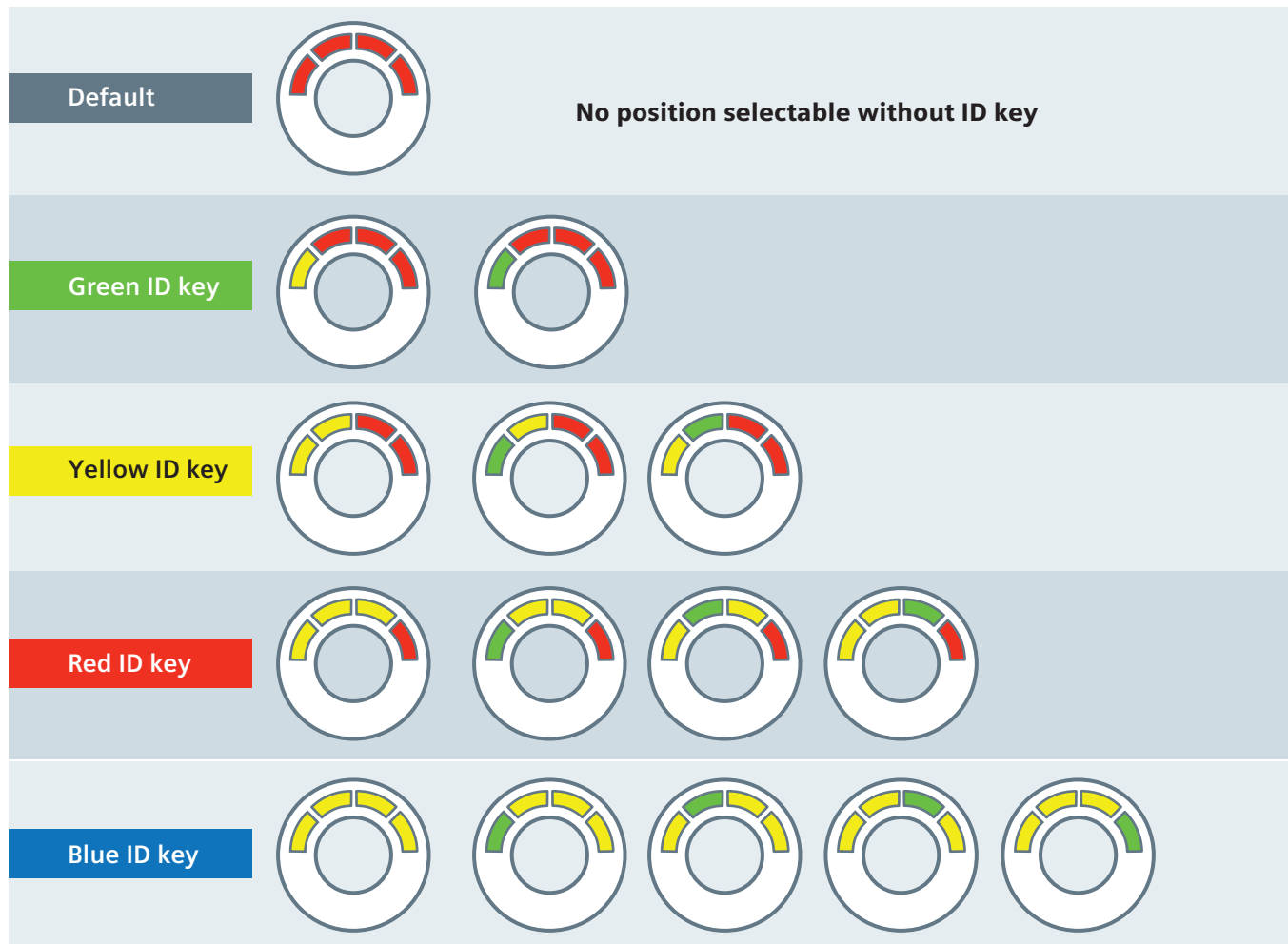
Like the rest of the SIRIUS ACT line of switches and push buttons, the ID key-operated switch is easily mounted using standard SIRIUS ACT holders.

usa.siemens.com/sirius-act

It holds four switching positions that can be selected by ID keys with different coding. Using the ID keys, (green, yellow, red and blue) it is possible to select one out of four positions. The selectable positions depend on the coding of the key that are indicated in the key color (yellow, blue, red and green) so that they can be clearly differentiated at a glance.
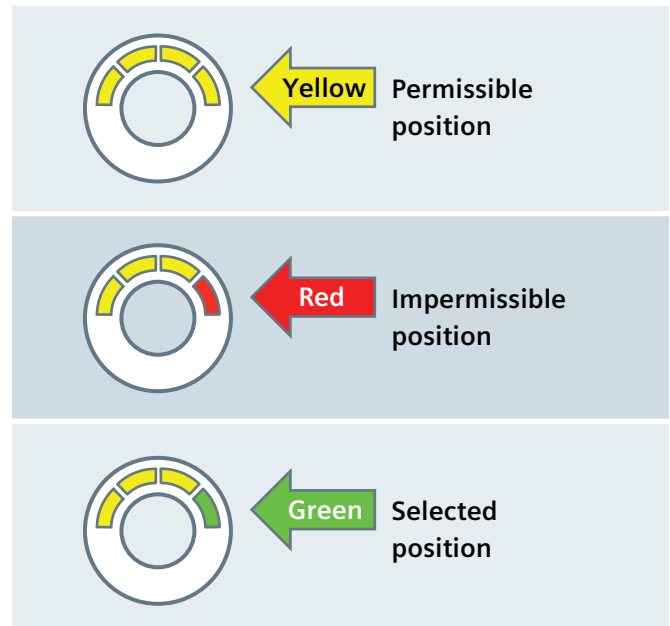
For example, the green key only allows activation of the first switching position, but the blue key allows the activation of all four switching positions. There is also a white ID key, which is supplied without coding and can be used for customer-specific applications via IO-Link.

Selectable positions dependent on ID key

Default — No position selectable without ID key

Green ID key

Yellow ID key

Red ID key

Blue ID key

The display of the ID key indicates permissible and selected positions with yellow, red and green colors as follows:

Displayed colors

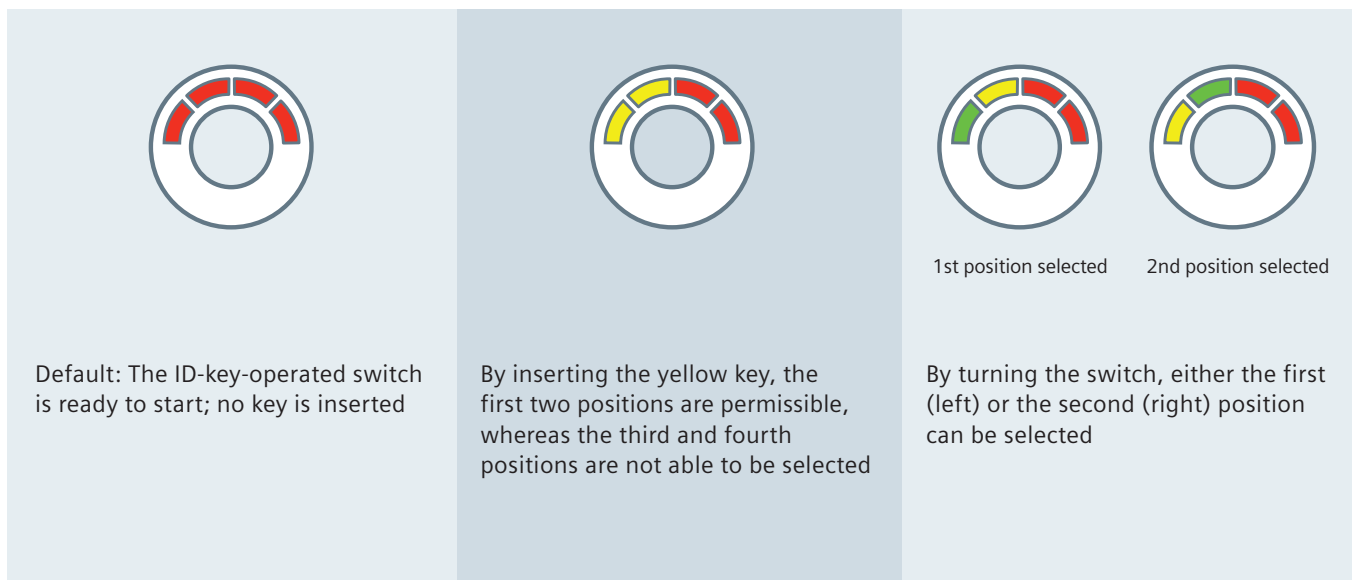|	
	Yellow **Permissible position**
	Red **Impermissible position**
	Green **Selected position**

Operation of the ID key-operated switch

To operate the electronic switch, just insert the ID key for authorization and turn the switch to select the position.

Standard keys can also be used in conjunction with the electronic module for ID key-operated switches with IO-Link functionality.

Operation example: Using the ID-key-operated switch with a yellow key (the first two positions are selectable)

1st position selected   2nd position selected

Default: The ID-key-operated switch is ready to start; no key is inserted

By inserting the yellow key, the first two positions are permissible, whereas the third and fourth positions are not able to be selected

By turning the switch, either the first (left) or the second (right) position can be selected

Overview and order numbers

The SIRIUS ACT key-operated switch is available in both plastic and plastic with a stainless steel front ring and can be used with standard SIRIUS ACT holders. **All parts need to be ordered separately.**

Plastic actuator
3SU1000-4WS10-0AA0

Metal-plastic actuator
3SU1030-4WS10-0AA0

+

Plastic holder
3SU1500-0AA10-0AA0

+

Standard module
3SU1400-1GC10-1AA0

or

IO-Link module
3SU1400-1GD10-1AA0

+

Green key
(1st position selectable)
3SU1900-0FV40-0AA0

Yellow key
(1st and 2nd position selectable)
3SU1900-0FW30-0AA0

Red key
(1st – 3rd position selectable)
3SU1900-0FX20-0AA0

Blue key
(1st – 4th position selectable)
3SU1900-0FY50-0AA0

White key
(IO Link version only)
3SU1900-0FU60-0AA0

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