

## Datasheet - WS21

Control panels / Selector switch / Selector switch - Long knob / Selector switch / Selector switch W1



- Selector switch / Selector switch
- Version with long knob



(Minor differences between the printed image and the original product may exist!)

### Ordering details

|                          |  |
|--------------------------|--|
| Product type description | WS21   |
| Article number           | WS21   |
| EAN Code                 |  |
| notice                   | <b>Can only be ordered in conjunction with the "BDF" operating panel</b> |
| eCl@ss                   |  |

### Global Properties

|                                   |                               |
|-----------------------------------|-------------------------------|
| Permanent light                   | Wahlschalter W1               |
| Versions                          | Long knob                     |
| Materials                         |                               |
| - Material of the contacts        | Ag-Ni 10, 0,2 µm gold flashed |
| - Material of the operators       | Plastic                       |
| Color                             |                               |
| - Colour of the operating element | anthracite                    |
| Position control panel            | <b>Position 2, 3</b>          |

### Mechanical data

|                     |                      |
|---------------------|----------------------|
| Mechanical life     | 1.000.000 operations |
| Switching frequency | 1200                 |
| Actuating force     | 8 N                  |

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Actuating stroke                      | 3                                  |
| resistance to shock                   | 100 g / 6 ms                       |
| resistant to vibration                | 20 g, 10 ... 200 HZ                |
| Bounce duration                       | < 2 ms at 100 mm/s Actuating speed |
| Touch position                        | None                               |
| automatic return to the zero position | No                                 |
| Latching position                     | right                              |
| Positive break force                  | 1 / Contact                        |

### Ambient conditions

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|                                    |      |
|------------------------------------|------|
| Protection class                   |      |
| Switching element protection class | IP65 |

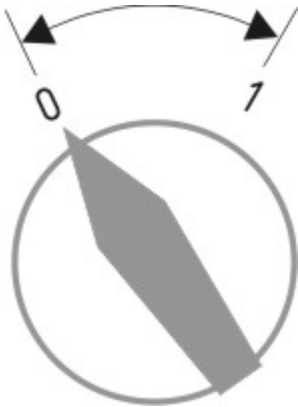
### Electrical data

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|                                |   |
|--------------------------------|---|
| Design of control element      | 1 Normally open contact (NO)            |
| Rated insulation voltage $U_i$ | 60 V                                    |
| Rated operating voltage $U_e$  |   |
| - Max. Rated operating voltage | 24                                      |
| Thermal test current $I_{the}$ | 2.5 A                                   |
| Utilisation category           | AC-15: 24 V / 2 A,<br>DC-13: 24 V / 1 A |
| Max. fuse rating               | 2.5 A                                   |
| Switching of low voltages      | 1 mA / 5 V                              |

### Images

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Application

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