



**GIOVENZANA  
INTERNATIONAL B.V**

**AUTOMATION TECHNOLOGIES**



**AUTOMATION**

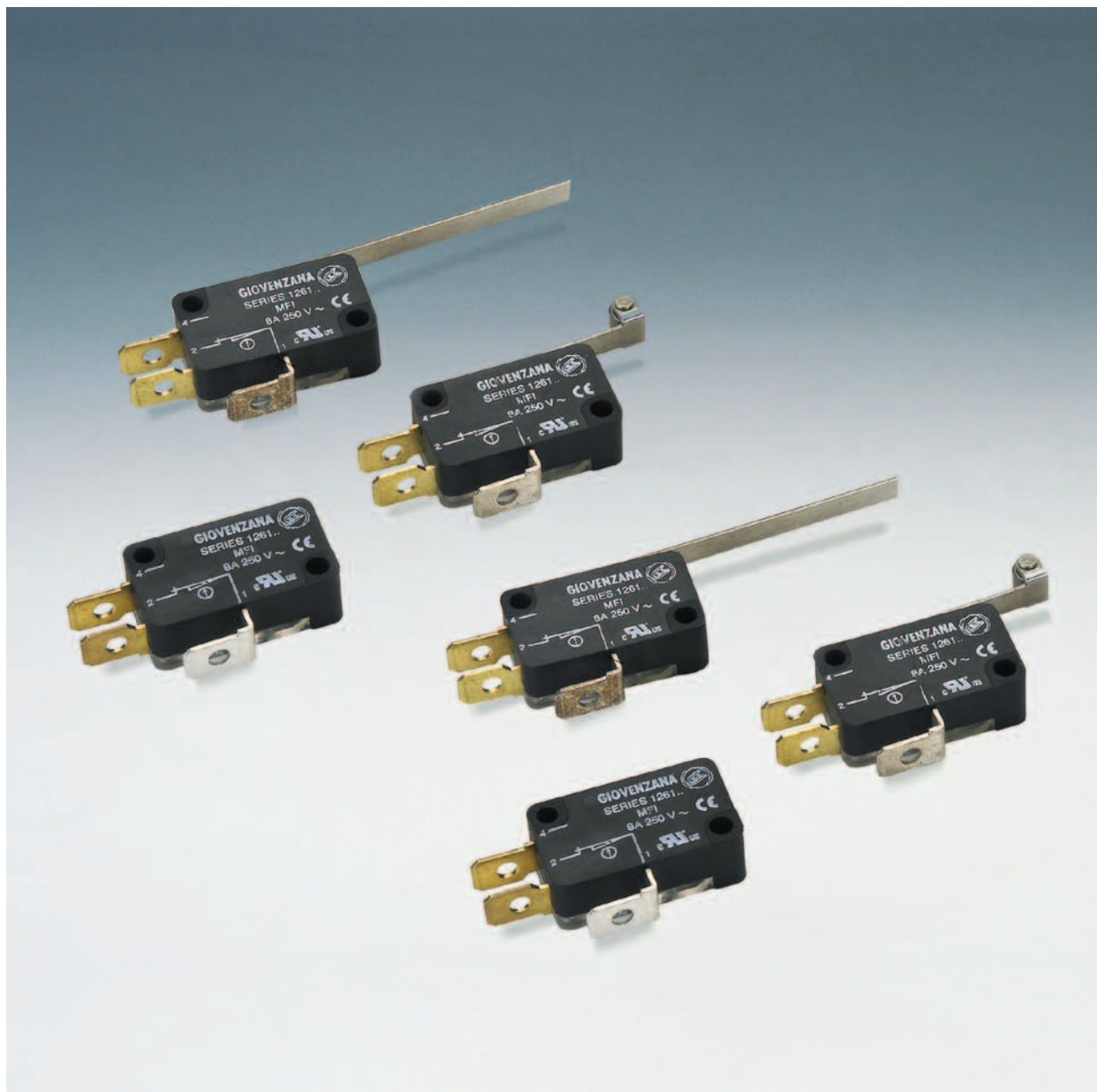
**GENERAL CATALOGUE**

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# Micro Switches

## MFI Series

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Standard micro switches with self cleaning contacts  
Supplied with operator.

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- MFI Series

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# Micro Switches

## MFI Series

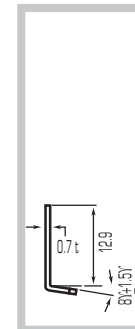
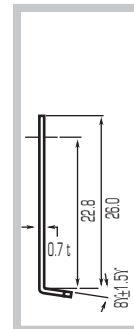
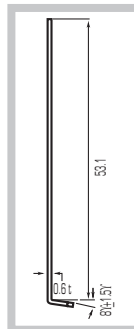
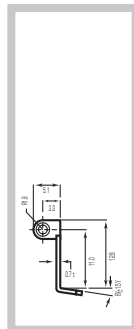
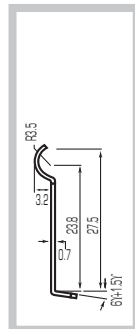
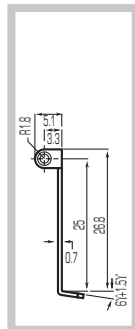
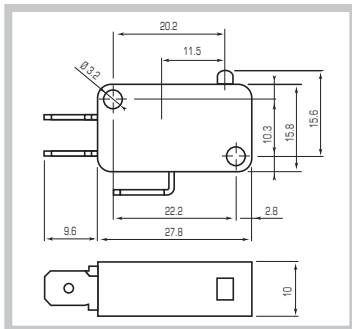
DIN 41635A - 6.3x0.8 connectors



AUTOMATION TECHNOLOGIES



- Changeover contacts
- High reliability snap action contacts
- Silver alloy self cleaning contacts
- Positive opening NC contact  $\odot$
- 7 versions available
- Certifications:



**PIN PLUNGER**

**LONG ROLLER LEVER**

**SIMULATED ROLLER LEVER**

**ROLLER LEVER**

**LONG LEVER**

**LEVER**

**SHORT LEVER**



MFI

**MFI.1**

MFI.2

**MFI.3**

MFI.4

**MFI.5**

MFI.6

|                      |    |          |                 |          |        |          |                 |          |
|----------------------|----|----------|-----------------|----------|--------|----------|-----------------|----------|
| Operating force      | N  | 4,5      | <b>3,2</b>      | 3,2      | 4,5    | 1,3      | <b>3,2</b>      | 4,5      |
| Resetting force      | N  | 1,9      | <b>1,2</b>      | 1,2      | 1,9    | 0,15     | <b>1,2</b>      | 1,9      |
| Max pre travel PT    | mm | 1,4      | <b>3,3</b>      | 3,3      | 1,4    | 7,6      | <b>3,3</b>      | 1,4      |
| Min over travel      | mm | 0,8      | <b>0,8</b>      | 0,8      | 0,6    | 2,2      | <b>0,8</b>      | 0,6      |
| Tripping position OP | mm | 14,4±0,4 | <b>21,8±1,2</b> | 18,9±1,2 | 20±0,6 | 15,2±1,2 | <b>15,2±1,2</b> | 15,1±0,5 |

### GENERAL CHARACTERISTICS

|   |  |
|---|--|
| ■ Comply with                               | IEC/EN61058, UL1054                                |
| ■ Rated insulation voltage $U_i$            | 250V   |
| ■ Rated impulse withstand voltage $U_{imp}$ | 1500   |
| ■ Rated thermal current $I_{th}$            | 8  |
| ■ Rated operating current $I_e$ :           | 8A - 250V resistive load, 3A - 250V inductive load |
| ■ Ambient temperature                       | -25 +85  |
| ■ Electric shock protection                 | Class II   |
| ■ Pollution class                           | 2  |
| ■ Life                                      | Mechanical $10^6$ , electrical $5 \times 10^5$     |
| ■ Termination type                          | 6.3x0.8 faston terminal                            |



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