

Micro Switches

MFI Series

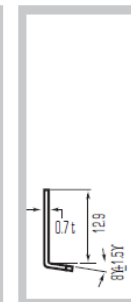
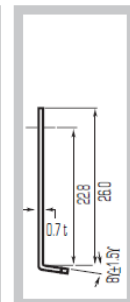
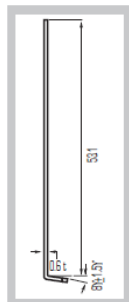
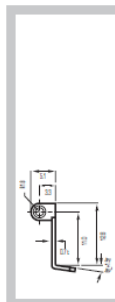
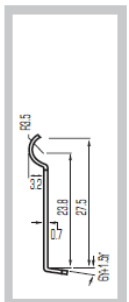
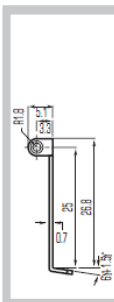
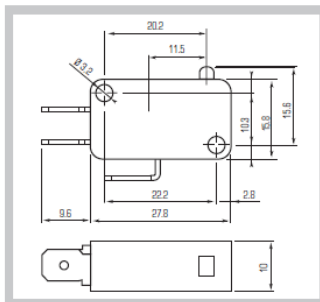
DIN 41635A - 6.3x0.8 connectors



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 |
|--------------------------------|----|----------------|-------------------|------------------------|--------------|----------------|----------------|----------------|
| 1NC-1NO Snap action \odot | | | | | | | | |
| | | | | | | | | |
| Operating force | N | 4,5 | 3,2 | 3,2 | 4,5 | 1,3 | 3,2 | 4,5 |
| Resetting force | N | 1,9 | 1,2 | 1,2 | 1,9 | 0,15 | 1,2 | 1,9 |
| Max pre travel PT | mm | 1,4 | 3,3 | 3,3 | 1,4 | 7,6 | 3,3 | 1,4 |
| Min over travel | mm | 0,8 | 0,8 | 0,8 | 0,6 | 2,2 | 0,8 | 0,6 |
| Tripping position OP | mm | 14,4 \pm 0,4 | 21,8 \pm 1,2 | 18,9 \pm 1,2 | 20 \pm 0,6 | 15,2 \pm 1,2 | 15,2 \pm 1,2 | 15,1 \pm 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 5×10^5 |
| ■ Termination type | 6.3x0.8 faston terminal |