

F1NS

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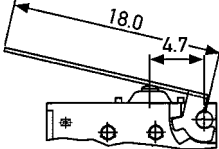
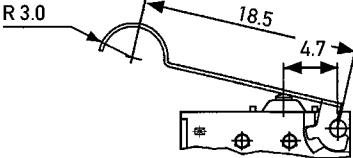
| | |
|-----------------|---|
| Characteristics | <ul style="list-style-type: none"> ■ small size ■ low current ■ long mechanical life ■ PCB mounting ■ sealed IP54 (option) |
| Rating | Up to 250 VAC, 1 A |
| Dimensions (mm) | 14,6 × 6,5 × 6 |
| Actuator | <ul style="list-style-type: none"> ■ plunger ■ plain lever ■ simulated roller lever/cam follower |
| Approvals | none |



Preferred Range

| Ordering Reference | Actuating Force (N) (ozf) | | Sealing | Operating pos. (mm) | Terminal | Circuit | Actuator | Contacts | Electrical rating |
|--------------------|---------------------------|-----|---------|---------------------|----------|---------|--------------|----------|-------------------|
| F1NST8 | 2,0 | 7,2 | IP5K4 | 5,9 | PCB | CO | Plunger | Ag | 250 VAC, 1 A |
| F1NST8A1 | 0,6 | 2,2 | IP5K4 | 7,6 | PCB | CO | Plain lever | Ag | 250 VAC, 1 A |
| F1NST8AC | 0,6 | 2,2 | IP5K4 | 10,1 | PCB | CO | Cam follower | Ag | 250 VAC, 1 A |

Operating Characteristics

| Actuator | Reference | Actuating Force Maximum | | Release Force Minimum | | Free Position | | Operating Position Maximum | | Movement Differential Maximum | | Total travelled position Maximum | |
|--|-----------|-------------------------|-------|-----------------------|-------|---------------|------|----------------------------|--------------|-------------------------------|--------|----------------------------------|------|
| | | (N) | (ozf) | (N) | (ozf) | (mm) | (in) | (mm) | (in) | (mm) | (in) | (mm) | (in) |
| Plunger | F1NST8 | 2 | 7,20 | 0,2 | 0,72 | 6,5 | 0,26 | 5,9 ± 0,2 | 0,23 ± 0,008 | 0,2 | 0,008* | | |
|  | | | | | | | | | | | | | |
| A1-Lever | F1NST8A1 | 0,6 | 2,20 | 0,09 | 0,32 | 10,5 | 0,41 | 7,6 ± 1,2 | 0,3 ± 0,05 | 0,7 | 0,03 * | | |
|  | | | | | | | | | | | | | |
| Width of lever 3 mm/0,12 in | | | | | | | | | | | | | |
| AC-Lever | F1NST8AC | 0,6 | 2,20 | 0,09 | 0,32 | 13,3 | 0,52 | 10,1 ± 1,2 | 0,4 ± 0,05 | 0,7 | 0,03 * | | |
|  | | | | | | | | | | | | | |
| Width of lever 3 mm/0,12 in | | | | | | | | | | | | | |

Datum for Free Position and Operating Position: base of switch opposite plunger.

* Flush with case. The case should not be used as an end stop.

Ordering Reference

| | | | | | | |
|------------------|---------------|--|---|----|---|----|
| Basic type | F1N | Example: F1N | S | T8 | A | AU |
| Type of sealing | S | No symbol, unsealed Sealed IP5K4 | | | | |
| Terminals | T8 | PCB 0.8 × 0.5 × 3.45 long | | | | |
| Circuit | | No symbol, change-over | | | | |
| Actuators | A A1 AC | No symbol, without lever Special lever A type (see specification) Plain lever 18.0 mm Cam follower lever 18.5 mm | | | | |
| Contact Material | AU GP | No symbol, Ag Gold on nickel Gold plate on Ag (GP) | | | | |
| Special Features | /□□□□ | Burgess specialise in customer specific solutions. Additional product variants are available or can be provided. If your requirements cannot be satisfied from the options listed, please contact us. | | | | |