

Lift Door Monitoring Switches - Series T80

ITC introduces a new series of special COMEPI limit switches designed to be used as monitoring and control devices for elevator and lift doors.

These switches operate on the following principle: the switch head has a guided slot, which protects the plastic plunger operator. This is actuated by a special separate actuator.

These switches are constructed of reinforced thermoplastic, include a single NC positive opening contact. The head can be rotated (4 x 90 degrees). Two sizes are available, in industry standard 30mm and 50mm widths. As with most COMEPI switches, they are available in 5 different cable entry sizes (Pg11, Pg13.5, ½” NPT, M16, M20).



Features and Specifications:

- Suitable for lift and elevator applications
- **Materials (body):** Reinforced thermoplastic housing, double insulation (Class II)
- **Contact:** Positive opening NC, slow action
- **Wire section (contact block):** 0.34 to 2.5 mm² (22-14AWG)
- **Ingress Protection:** IP67 (can be used for external lifts)
- **Mechanical durability:** 1 million mechanical operations
- **Operating temperature:** -25 to 70 °C
- **Rated insulating current (UL 508 & CSA):** 415Vac 4A pilot duty / 24Vdc 3A pilot duty
- Conforms to EN 81-20 and 81-50
- **Approvals:** cULus (# E518918)

Lift Door Monitoring Switches (Order by Part No.)

Part No.	Description	Cable entry	Dimensions (body)
AP5T80-J01	30mm Limit switch; Lift door monitor; with actuator	1 x M20	30 x 30.3 x 53.5mm
DP5T80-J01	50mm Limit switch; Lift door monitor; with actuator	2 x M20	50 x 33.1 x 98.7mm
T80-1485	Spare Actuator for T80 lift door switches	-	-