



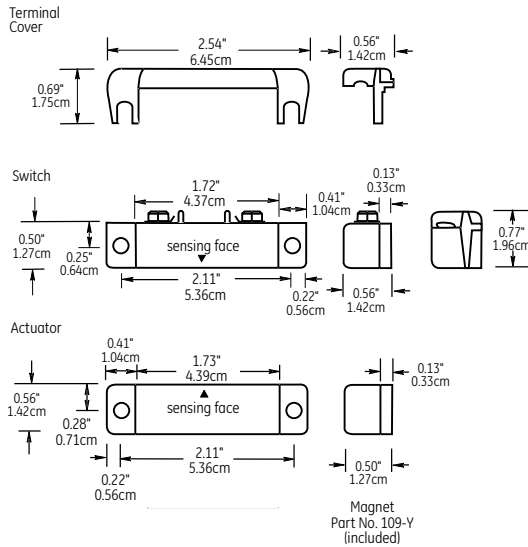
## Screw Terminal 1085T Series

### Applications

- Easy clamping terminals speed installation
- Convenient surface mounting
- Built-in resistors available; consult factory
- Cover, spacer, screws included

### General Specifications

|                   |  |
|-------------------|--|
| Enclosure         | ABS Plastic  |
| Temperature Range | -40°F to 150°F (-40°C to 65°C)                           |
| Environmental     | Hermetically Sealed Reed Switch                          |
| NEMA Rating       | 1  |
| Protection Class  | IP 62  |
| Response Time     | 1 msec max.  |
| Life Cycles       | 100,000 Under Full Load,<br>10,000,000 Under Dry Circuit |
| Connection        | #6 screw terminal  |
| Color Choices     | Natural(N), Mahogany(M), Grey(G)                         |
| UL/ULC Listed     | All Models   |



| Part Number    | Contact <sup>1</sup> Configuration                              | Load Rating (AC/DC) | Switching Voltage (AC/DC) | Switching Current (AC/DC) | Contact Resistance | Sense Range <sup>2</sup> Nominal |
|----------------|---|---------------------|---------------------------|---------------------------|--------------------|----------------------------------|
| 1085T-G, M, N  | N.O.  | 7.5W/VA             | 100V                      | 0.5A                      | 0.2 Ohms           | 0.8" (1.9cm)                     |
| 1085TW-M, N    | N.O.  | 7.5W/VA             | 100V                      | 0.5A                      | 0.2 Ohms           | 1.5" (3.8cm)                     |
| 1084TW-G, M, N | SPDT  | 3W/VA               | 30V                       | 0.25A                     | 0.2 Ohms           | 2.0" (5.1cm)                     |
| 1086T-N        | N.C.  | 3W/VA               | 30V                       | 0.25A                     | 0.2 Ohms           | 0.8" (1.9cm)                     |
| 1087T-M, N     | SPDT  | 3W/VA               | 30V                       | 0.25A                     | 0.2 Ohms           | 0.8" (1.9cm)                     |
| 1087TW-N       | SPDT  | 3W/VA               | 30V                       | 0.25A                     | 0.2 Ohms           | 1.5" (3.8cm)                     |
| 1080T-N        | Actuator Only (For 1082T, 1083T, 1084T, 1082TW, 1083TW, 1084TW) |                     |                           |                           |                    |                                  |
| 1081T-N        | Actuator Only (For 1085T, 1086T, 1087T, 1085TW, 1086TW, 1087TW) |                     |                           |                           |                    |                                  |

**Warning— Each electrical rating is an individual maximum and cannot be exceeded!**

<sup>1</sup> Configuration with actuator away from the switch

<sup>2</sup> Proximity of ferrous materials usually reduces sense range — typically by 50%. The shape and type of material cause a wide diversity of effects.

Testing is required to determine actual sense range for specific applications. As measured on a nonferrous surface.

Gap distances are nominal make distance ± 20%. Gap Specifications are for switch to make. Break distance is approximately 1.1 to 1.5 times make.