

# HS1 Series Specifications

| MECHANICAL           |                        |
|----------------------|------------------------|
| ANGLE OF MOVEMENT    | 6° (3° EACH DIRECTION) |
| LIFE CYCLES          | 100K MINIMUM           |
| SWITCH MECHANISM     | TACTILE                |
| MAX. VERTICAL LOAD   | 60 lbf                 |
| MAX. HORIZONTAL LOAD | 40 lbf *               |

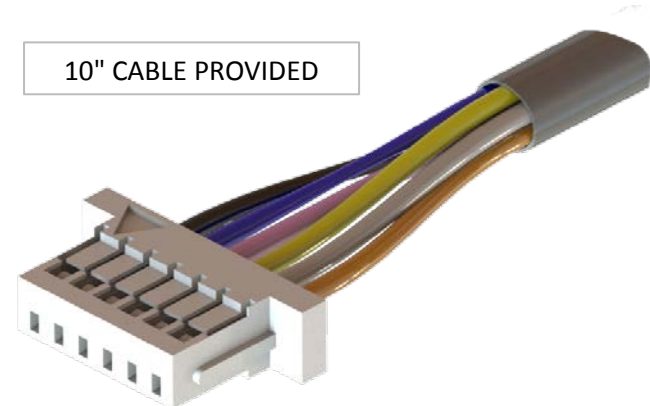
\* Measured 0.45" Above Panel Surface

| ELECTRICAL                 |                      |
|----------------------------|----------------------|
| MINIMUM CONTACT RATING     | 10µA @ 1V DC         |
| MAXIMUM CONTACT RATING     | 50mA @ 24V DC        |
| INITIAL CONTACT RESISTANCE | 100mΩ MAX            |
| INSULATION RESISTANCE      | 100MΩ MIN @ 100V DC  |
| DIELECTRIC STRENGTH        | 500V AC FOR 1 MINUTE |
| THERMAL SHOCK              | PER EIA-364-32C      |

| ENVIRONMENTAL          |                |
|------------------------|----------------|
| OPERATING TEMPERATURE  | -30°F TO 185°F |
| STORAGE TEMPERATURE    | -30°F TO 185°F |
| IP SEALING ABOVE PANEL | IP67           |

| JST CONNECTOR: BM06B-SRSS-TB |            |             |
|------------------------------|------------|-------------|
| PIN #                        | WIRE COLOR | DESCRIPTION |
| 1                            | BLACK      | COMMON      |
| 2                            | BLUE       | X+ SWITCH   |
| 3                            | PINK       | X- SWITCH   |
| 4                            | YELLOW     | Y+ SWITCH   |
| 5                            | GREY       | Y- SWITCH   |
| 6                            | ORANGE     | *TOP SWITCH |

\*(OPTIONAL)



10" CABLE PROVIDED

Standard 4 or 8-Way  
Castle Cap



5 or 9-Way (Integrated  
Top Button)

