

## RANGE OVERVIEW

- Suitable for circuit connection, multistep, changeover, switching on and off as well as motor starting.
- IEC 16...20A conventional free air thermal current I<sub>th</sub> ratings.
- Black handle with legend marking or padlockable red-yellow handle.
- Direct (positive) opening action; safety function according to IEC/EN 60947-5-1.
- Extended mechanical and electrical life.

### RS PRO Cam Switch 1P 4 positions 60° multistep switch 1-2-3-4, 690V, 20A, black handle

RS Stock No.: 2083921



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

#### Product Description

1P 4 positions 60° multistep switch 1-2-3-4, 690V, 20A, black handle.

The RS PRO Multistep Switches are used for applications 1P, from 2 to 6 positions.

They are suited for AC1 / AC21A, AC3 / AC23A and AC15 duties.

The switching angle is 30°, 45° or 60°, while the black handle is not lockable.

### General Specifications

|                              |  |
|------------------------------|--|
| <b>Number of poles</b>       | 1  |
| <b>Number of positions</b>   | 4  |
| <b>Front plate dimension</b> | 48x48 mm                                 |
| <b>Legend marking</b>        | 1-2-3-4                                  |
| <b>Angle</b>                 | 60°                                      |
| <b>Type of fixing</b>        | Door panel mounting with 4 screws fixing |
| <b>Operating temperature</b> | -25°C ... +55°C                          |
| <b>Storage temperature</b>   | -25°C ... +55°C                          |

### Mechanical Specifications

|                                |                          |
|--------------------------------|--------------------------|
| <b>Mechanical life</b>         | 5x10 <sup>6</sup>        |
| <b>Terminal screws</b>         | M3                       |
| <b>Tightening torque</b>       | 0,5 Nm                   |
| <b>Conductor cross section</b> | 2,5/2,5 (rigid/flexible) |

### Electrical Specifications

|   |           |
|---|-----------|
| <b>Rated insulation voltage U<sub>i</sub></b>               | 690V      |
| <b>Rated impulse withstand voltage U<sub>imp</sub></b>      | 6 kV      |
| <b>Conventional free air thermal current I<sub>th</sub></b> | 20A       |
| <b>Rated operating voltage U<sub>e</sub></b>                | 690V      |
| <b>Short-time withstand current I<sub>cw</sub></b>          | 250A – 1s |

## RS PRO Cam Switches



|  |                                     |
|--|-------------------------------------|
| <b>Rated operational current I<sub>e</sub></b>               | 20A AC1/AC21                        |
| <b>Motor power for switches in AC utilisation categories</b> | 5,5kW - 3ph, 400V, AC3              |
| <b>Motor power for direct-on-line control (UL/CSA-DOL)</b>   | 3HP – 3ph, 240V                     |
| <b>Motor power for switches in DC utilisation categories</b> | 20A - 48V, DC23 (2 series contacts) |
| <b>Power dissipation</b>                                     | 1,2 W/pole                          |

### Protection Category

|                                   |      |
|-----------------------------------|------|
| <b>Frontal protection degree</b>  | IP20 |
| <b>Terminal protection degree</b> | IP00 |

### Additional Information

|                             |          |
|-----------------------------|----------|
| <b>Custom Tariff Number</b> | 85365080 |
|-----------------------------|----------|

### Classification

|             |          |
|-------------|----------|
| <b>ETIM</b> | EC001029 |
|-------------|----------|

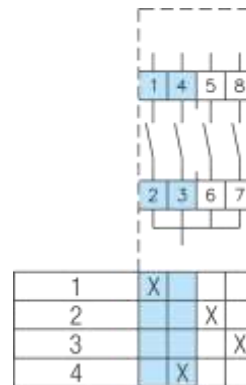
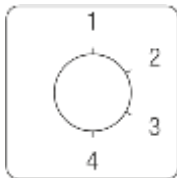
### Approvals

|                      |                       |
|----------------------|-----------------------|
| <b>Standards Met</b> | IEC60947, C22.2 No.14 |
|----------------------|-----------------------|

### Similar Products

| Stock No. | Brand  | Product Name   | Number of positions | Legend marking |
|-----------|--------|--|---------------------|----------------|
| GN2082U   | RS PRO | 1P 3 positions<br>60° multistep<br>switch 1-2-3,<br>690V, 20A, black<br>handle     | 3                   | 1-2-3          |
| GN2084U   | RS PRO | 1P 5 positions<br>60° multistep<br>switch 1-2-3-4-5,<br>690V, 20A, black<br>handle | 5                   | 1-2-3-4-5      |

### Wiring Diagram



### Dimensions (mm)

