

## 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 2 positions 90° ON-OFF switch, 690V, 20A, black handle

RS Stock No.: 2083924



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 2 positions 90° ON-OFF switch, 690V, 20A, black handle.

The RS PRO ON-OFF Switches are used for applications from 1 to 4 poles.

The terminals are protected from accidental contact.

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

The switching angle is 90°, the red / yellow handle is lockable in OFF position, while the black handle is not lockable.

### General Specifications

<b>Number of poles</b>	1
<b>Number of positions</b>	2
<b>Front plate dimension</b>	48x48 mm
<b>Legend marking</b>	OFF-ON
<b>Angle</b>	90°
<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
-------------	----------

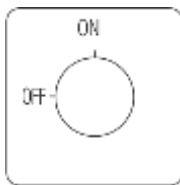
### Approvals

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

### Similar Products

Stock No.	Brand	Product Name	Ith	Handle
GN20C05U25	RS PRO	1P 2 positions 90° ON-OFF switch, 690V, 20A, red/yellow padlockable handle	20A	Red / yellow, padlockable in OFF.
GN12C05U	RS PRO	1P 2 positions 90° ON-OFF switch, 690V, 16A, black handle	16A	Black, not padlockable

### Wiring Diagram



### Dimensions (mm)

