

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_{th} 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, red/yellow padlockable handle

RS Stock No.: 2083925



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, red/yellow padlockable 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

Number of poles	1
Number of positions	2
Front plate dimension	48x48 mm
Legend marking	OFF-ON
Angle	90°
Type of fixing	Door panel mounting with 4 screws fixing
Operating temperature	-25°C ... +55°C
Storage temperature	-25°C ... +55°C

Mechanical Specifications

Mechanical life	5x10 ⁶
Terminal screws	M3
Tightening torque	0,5 Nm
Conductor cross section	2,5/2,5 (rigid/flexible)

Electrical Specifications

Rated insulation voltage Ui	690V
Rated impulse withstand voltage Uimp	6 kV
Conventional free air thermal current Ith	20A
Rated operating voltage Ue	690V

RS PRO Cam Switches



Short-time withstand current I_{cw}	250A – 1s
Rated operational current I_e	20A AC1/AC21
Motor power for switches in AC utilisation categories	5,5kW - 3ph, 400V, AC3
Motor power for direct-on-line control (UL/CSA-DOL)	3HP – 3ph, 240V
Motor power for switches in DC utilisation categories	20A - 48V, DC23 (2 series contacts)
Power dissipation	1,2 W/pole

Protection Category

Frontal protection degree	IP20
Terminal protection degree	IP00

Additional Information

Custom Tariff Number	85365080
-----------------------------	----------

Classification

ETIM	EC001029
-------------	----------

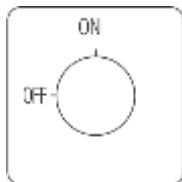
Approvals

Standards Met	IEC60947, C22.2 No.14
----------------------	-----------------------

Similar Products

Stock No.	Brand	Product Name	Ith	Handle
GN20C05U	RS PRO	1P 2 positions 90° ON-OFF switch, 690V, 20A, black handle	20A	Black, not padlockable
GN12C05U	RS PRO	1P 2 positions 90° ON-OFF switch, 690V, 16A, black handle	16A	Black, not padlockable

Wiring Diagram



Dimensions (mm)

