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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 Ith 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 3P 2 positions 90° ON-OFF switch, 690V, 20A, black handle

RS Stock No.: 2083927



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.

RS PRO Cam Switches

Product Description

3P 2 positions 90° ON-OFF switch, 690V, 20A, black handle.

The RS PRO ON-OFF Switches are used for applications from 1 tp 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	3
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
Short-time withstand current Icw	250A – 1s

Rated operational current Ie	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

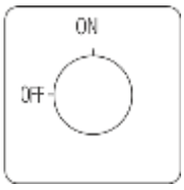
Approvals

Standards Met	IEC60947, UL508, C22.2 No.14

Similar Products

Stock No.	Brand	Product Name	Number of poles	Handle
GN20C07U25	RS PRO	3P 2 positions 90° ON-OFF switch, 690V, 20A, red/yellow padlockable handle	3P	Red / yellow, padlockable in OFF.
GN20C08U	RS PRO	4P 2 positions 90° ON-OFF switch, 690V, 20A, black handle	4P	Black, not padlockable

Wiring Diagram





Dimensions (mm)

