

7GN2092U47 ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



| Product designation | | | | Rotary cam |
|---|---------------------------------|----------------------|-----------|------------------------------------|
| - | | | | switches |
| Product type designation General characteristics | 1 | | | 7GN20 |
| | | | | 92 - ON/OFF |
| Switching diagram | | | | switch 4 poles |
| N° of elements | | | | 2 |
| | | | | U47 - Snap on |
| Mounting form | | | | fron mounting with black handle |
| | | | | for hole diam. |
| | | | | 22mm finxing |
| Contact characteristics | | | | |
| Rated insulation voltage | Ui | | | |
| | | IEC/EN | V | 690 |
| | | UL/CSA | V | 600 |
| Rated impulse withstand | | | kV | 6 |
| Conventional free air the | rmai current ith | IEC/EN | ۸ | 20 |
| | | UL/CSA | A A | 20 20 |
| Rated operational voltag | le | 01/00/ | V | 480 |
| Rated operational impuls | | | kV | 4 |
| | hort-circuit protection In (gG) | | | |
| | | 10kA | А | 20 |
| | | 15kA | А | 16 |
| | | 25kA | А | 16 |
| Rated short time current | lcw | | | |
| <u> </u> | | 1s | A | 250 |
| Conductivity | | | | 10/5 mA/V |
| Operational current le IE | C/EN AC1/AC21A | | | |
| | | | А | 20 |
| - | AC15 | | ~ ~ | |
| | | 110V | А | 10 |
| | | 220/230V | А | 8 |
| | | 380/400V | А | 6 |
| | | 660/690V | Α | 1.5 |
| Rated operational power | | | | |
| | Three-phase AC-3 | | 1.147 | 0 |
| | | 220/230V 380/440V | kW kW | 3 5.5 |
| | | 500/690V | кvv kW | 5.5 5.5 |
| - | Single-phase AC-3 | 300/0301 | IN V V | 0.0 |
| | | 110V | kW | 0.8 |
| | | 220/230V | kW | 2.2 |
| | | 380/440V | kW | 3 |
| | | | | |

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| | Three-phase AC23A | | | |
|----------------------|---------------------------------------|----------------|--------|-------------------|
| | | 220/230V | kW | 5 |
| | | 380/440V | kW | 7.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC23A | | | |
| | | 110V | kW | 0.8 |
| | | 220/230V | kW | 2.5 |
| | | 380/440V | kW | 3.7 |
| Rated operational of | current in DC | | | |
| | DC21A | | | |
| | | 48V | А | 20 |
| | | 60V | А | 20 |
| | | 110V | А | 4 |
| | | 220V | А | 0.6 |
| | | 440V | A | 0.25 |
| | DC23A (poles in series) | 101 | | 0.20 |
| | | 24V | А | 20 (1) |
| | | 48V | A | 20 (1) |
| | | 40V 60V | A | 20 (2) |
| | | 110V | A | 10 (3) |
| | | 220V | A | |
| | DC13 | 2200 | A | 8 (4) |
| | DC13 | 24V | ۸ | 20 |
| | | | A | |
| | | 48V | A | 16 |
| | | 60V | A | 12 |
| | | 110V | A | 1 |
| | | 220V | A | 0.4 |
| | | 440V | A | 0.15 |
| Power dissipation | | | W | 0.8 |
| Mechanical feature | S | | | |
| Terminals screw | | | | M3 |
| Tightening torque f | or terminals max | | Nm | 0.5 |
| Conductor size | | | | |
| | AWG - Rigid cable | | | |
| | | min | AWG | 20 |
| | | Max | AWG | 12 |
| | AWG - Flexible cable | | | |
| | | min | AWG | 20 |
| | | Max | AWG | 14 |
| | Conductor size (IEC) - Flexible cable | | | |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| | Conductor size (IEC) - Rigid cable | | | |
| | | min | mm² | 0.5 |
| | | Max | mm² | 2.5 |
| Mechanical life | | | cycles | 5x10 ⁶ |
| UL technical data | | | ., | |
| Motor power for dir | ect-on-line control | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 1.5 |
| | | 240V | HP | 3 |
| | | 480V | HP | 5 7.5 |
| | | 480 V 600 V | HP | 10 |
| | for single phase motor | 0007 | | 10 |
| | for single-phase motor | | | |

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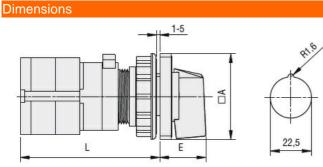
IP40

IP00

120V HP 0.75 240V ΗP 2 Ambient conditions Temperature Operating temperature min °C -25 °C +55 max Storage temperature °C -40 min max °C +70

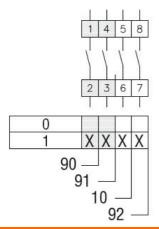
Resistance & Protection Frontal IP degree

Terminals IP degree



| Series | Dimensions | | L | | | |
|--------|------------|------|------|------|------|-------|
| | □A | E | 1 | 2 | 3 | 8 |
| 7GN12 | 48 | 26.5 | 58 | 67.7 | 77.4 | 125.9 |
| 7GN20 | 48 | 26.5 | 58 | 67.7 | 77.4 | 125.9 |
| 7GN25 | 48 | 26.5 | 62.4 | 76 | 89.6 | 157.6 |

Wiring diagrams



Certifications and compliance

Compliance

| Compliance | |
|--------------|---------------------|
| | CSA C22.2 n° 14 |
| | IEC/EN/BS 60947-1 |
| | IEC/EN/BS 60947-3 |
| | IEC/EN/BS 60947-5-1 |
| | UL60947-4-1 |
| Certificates | |
| | cCSAus |
| | EAC |

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ETIM classification

UL

ETIM 8.0

EC001029 -Selector switch, complete