7GN2566U47



ROTARY CAM SWITCH 7GN SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 25A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

| Product designation | | | | Rotary cam |
|--|----------------------------------|----------------------|----------|---|
| - | | | | switches |
| Product type designati | | | | 7GN25 |
| General characteristics Switching diagram | 5 | | | 66 - Voltmeter switch for phase- neutral and phase-phase voltages |
| N° of elements | | | | 3 |
| Mounting form | | | | U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing |
| Contact characteristics | | | | |
| Rated insulation voltag | | IEC/EN UL/CSA | V V | 690 600 |
| Rated impulse withstar | | | kV | 6 |
| Conventional free air th | nermal current Ith | IEC/EN UL/CSA | A A | 25 30 |
| Rated operational volta | age | | V | 480 |
| Rated operational imp | | | kV | 4 |
| Maximum fuse size for | short-circuit protection In (gG) | | | |
| | | 10kA | A | 25 |
| | | 15kA | A | 25 |
| Detailed at the second | | 25kA | A | 25 |
| Rated short time curre | nticw | 10 | ĿΛ | 400 |
| Conductivity | | 1s | kA | 400 10/5 mA/V |
| Operational current le | IEC/EN | | | |
| | AC1/AC21A | | A | 25 |
| | AC15 | | | |
| | | 110V | А | 16 |
| | | 220/230V | А | 12 |
| | | 380/400V | А | 8 |
| | | 660/690V | A | 2 |
| Rated operational pow | | | | |
| | Three-phase AC-3 | 000/000)/ | | |
| | | 220/230V 380/440V | kW kW | 5.5 7.5 |
| | | 500/690V | kW | 7.5 |
| | Single-phase AC-3 | 500/090V | IX V V | 1.0 |
| | | 110V | kW | 1.5 |
| | | 220/230V | kW | 3 |
| | | 380/440V | kW | 5.5 |
| | Three-phase AC23A | | | |
| | | 220/230V | kW | 6.5 |
| | | 380/440V | kW | 11 |
| | | 500/690V | kW | 11 |
| | Single-phase AC23A | | | |

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| | | 110V | kW | 1.5 | |
|---|---|---|--|---|--|
| | | 220/230V | kW | 3.7 | |
| | | | | | |
| | | 380/440V | kW | 5.5 | |
| Rated operational cu | | | | | |
| | DC21A | | | | |
| | | 48V | А | 25 | |
| | | 60V | А | 25 | |
| | | 110V | А | 4 | |
| | | 220V | | ч 0.7 | |
| | | 2200 | Α | 0.7 | |
| | DC23A (poles in series) | | _ | / | |
| | | 24V | A | 25 (1) | |
| | | 48V | Α | 25 (2) | |
| | | 60V | А | 25 (3) | |
| | | 110V | А | 12 (3) | |
| | | 220V | A | 10 (4) | |
| | DC13 | 2201 | | 10(1) | |
| | DC13 | 0.41/ | ^ | 05 | |
| | | 24V | A | 25 | |
| | | 48V | А | 20 | |
| | | 60V | А | 16 | |
| | | 110V | А | 1.5 | |
| | | 220V | А | 0.4 | |
| Power dissipation | | 2201 | W | 1.1 | |
| | | | VV | 1.1 | |
| Mechanical features | | | | 140 5 | |
| Terminals screw | | | | M3.5 | |
| Tightening torque for | terminals max | | Nm | 0.8 | |
| Conductor size | | | | | |
| | AWG - Rigid cable | | | | |
| | 9 • • • • • • • • • • | min | AWG | 20 | |
| | | Max | AWG | 10 | |
| | | Ινίαλ | AWG | 10 | |
| | | | | | |
| | AWG - Flexible cable | _ | | | |
| | AWG - Flexible cable | min | AWG | 20 | |
| | AWG - Flexible cable | min Max | AWG AWG | 20 12 | |
| | | | | | |
| | AWG - Flexible cable Conductor size (IEC) - Flexible cable | Max | AWG | 12 | |
| | | Max min | AWG | 12 0.5 | |
| | Conductor size (IEC) - Flexible cable | Max | AWG | 12 | |
| | | Max min Max | AWG mm² mm² | 12 0.5 4 | |
| | Conductor size (IEC) - Flexible cable | Max min Max min | AWG mm ² mm ² mm ² | 12 0.5 4 0.5 | |
| | Conductor size (IEC) - Flexible cable | Max min Max | AWG mm² mm² | 12 0.5 4 0.5 4 | |
| Mechanical life | Conductor size (IEC) - Flexible cable | Max min Max min | AWG mm ² mm ² mm ² | 12 0.5 4 0.5 | |
| Mechanical life UL technical data | Conductor size (IEC) - Flexible cable | Max min Max min | AWG mm ² mm ² mm ² | 12 0.5 4 0.5 4 | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min | AWG mm ² mm ² mm ² | 12 0.5 4 0.5 4 | |
| | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min | AWG mm ² mm ² mm ² | 12 0.5 4 0.5 4 | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max | AWG mm² mm² mm² cycles | 12 0.5 4 0.5 4 5x10 ⁶ | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V | AWG mm² mm² mm² cycles | 12 0.5 4 0.5 4 5x10 ⁶ | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V | AWG mm² mm² mm² cycles HP HP | 12 0.5 4 0.5 4 5x10 ⁶ | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V | AWG mm² mm² mm² cycles | 12 0.5 4 0.5 4 5x10 ⁶ | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V | AWG mm² mm² mm² cycles HP HP | 12 0.5 4 0.5 4 5x10 ⁶ | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V | AWG mm² mm² mm² cycles HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 | |
| UL technical data | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 | |
| UL technical data Motor power for direc | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 | |
| UL technical data Motor power for direct | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 | |
| UL technical data Motor power for direc | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 | |
| UL technical data Motor power for direct | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable | Max min Max min Max 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 | |
| UL technical data Motor power for direct | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor for single-phase motor | Max min Max min Max 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 3 | |
| UL technical data Motor power for direct | Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor for single-phase motor | Max min Max min Max 120V 240V 480V 600V 120V 240V 480V 600V | AWG mm² mm² cycles HP HP HP HP HP | 12 0.5 4 0.5 4 5x10 ⁶ 3 5 10 15 1.5 | |

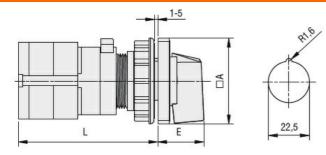
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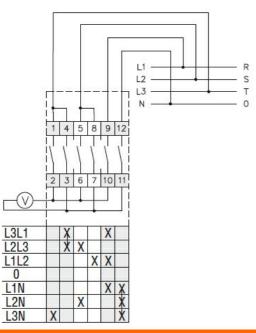
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| Storage temperature | | | |
|-------------------------|-----|----|------|
| | min | °C | -40 |
| | max | °C | +70 |
| Resistance & Protection | | | |
| Frontal IP degree | | | IP40 |
| Terminals IP degree | | | IP00 |
| Dimensions | | | |



| Cariaa | Dimensions | | L | | | |
|--------|------------|------|------|------|------|-------|
| Series | □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

| | 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 |
| | UL |

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ETIM classification

ETIM 8.0

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> EC001029 -Selector switch, complete