7GN3291098



ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 2 POLES 32A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



| Product designation | | | Rotary cam |
|--|----------|----|-------------------|
| - | | | switches |
| Product type designation | | | 7GN32 |
| General characteristics | | | |
| Switching diagram | | | 91 - ON/OFF |
| N° of elements | | | switch 2 poles |
| IN OF Elements | | | 098 - Rear |
| | | | mounting with |
| | | | red/yellow handle |
| Mounting form | | | padlockable in 0, |
| | | | door coupling |
| | | | and protection |
| Contact characteristics | | | covers |
| Rated insulation voltage Ui | | | |
| Trated insulation voltage of | IEC/EN | V | 690 |
| | UL/CSA | V | 600 |
| Rated impulse withstand voltage Uimp | 02,00,1 | kV | 6 |
| Conventional free air thermal current Ith | | | |
| | IEC/EN | А | 32 |
| | UL/CSA | А | 40 |
| Rated operational voltage | | V | 480 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | | |
| | 10kA | А | 32 |
| | 15kA | А | 32 |
| | 25kA | А | 32 |
| | 50kA | A | 32 |
| Rated short time current Icw | | | |
| | 1s | A | 800 |
| Conductivity | | | 10/5 mA/V |
| Operational current le IEC/EN | | | |
| AC1/AC21A | | ٨ | 22 |
| AC15 | | A | 32 |
| AC15 | 110V | А | 25 |
| | 220/230V | A | 20 |
| | 380/400V | A | 10 |
| | 660/690V | A | 2 |
| Rated operational power in AC | | - | |
| Three-phase AC-3 | | | |
| | 220/230V | kW | 7.5 |
| | 380/440V | kW | 11 |
| | 500/690V | kW | 11 |

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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| | | 110V | kW | 2.2 |
|-----------------------|---------------------------------------|----------------|--------|-------------------|
| | | 220/230V | kW | 4 |
| | | 380/440V | kW | 6.5 |
| | Three-phase AC23A | | | |
| | | 220/230V | kW | 8 |
| | | 380/440V | kW | 15 |
| | | 500/690V | kW | 18.5 |
| | Single-phase AC23A | | | |
| | | 110V | kW | 2.2 |
| | | 220/230V | kW | 4 |
| | | 380/440V | kW | 7.5 |
| Rated operational cu | rrent in DC | | | |
| rated operational of | DC21A | | | |
| | DOLIN | 48V | А | 32 |
| | | 40V 60V | A | 32 |
| | | 110V | A | 6 |
| | | 220V | A | 0.9 |
| | DC23A (poles in series) | 2201 | А | 0.9 |
| | DOZON (PUICO III OCIICO) | 24V | ۸ | 32 (1) |
| | | 24 V 48 V | A | 32 (1) |
| | | | A | 32 (2) |
| | | 60V | A | 32 (3) |
| | | 110V | A | 15 (3) |
| | 2010 | 220V | A | 12 (4) |
| | DC13 | 0 (1) (| | |
| | | 24V | A | 32 |
| | | 48V | A | 25 |
| | | 60V | А | 16 |
| | | 110V | А | 3 |
| | | 220V | A | 0.5 |
| Power dissipation | | | W | 1.5 |
| Mechanical features | | | | |
| Terminals screw | | | | M4 |
| Tightening torque for | terminals max | | Nm | 1.2 |
| Conductor size | | | | |
| | AWG - Rigid cable | | | |
| | | min | AWG | 16 |
| | | Max | AWG | 8 |
| | AWG - Flexible cable | | | |
| | | min | AWG | 16 |
| | | Max | AWG | 10 |
| | Conductor size (IEC) - Flexible cable | | | |
| | | min | mm² | 1.5 |
| | | Max | mm² | 4 |
| | Conductor size (IEC) - Rigid cable | | | |
| | | min | mm² | 1.5 |
| | | Max | mm² | 6 |
| Mechanical life | | | cycles | 5x10 ⁶ |
| UL technical data | | | | |
| Motor power for direc | ct-on-line control | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 5 |
| | | 240V | HP | 10 |
| | | 480V | HP | 15 |
| | | 400V 600V | HP | 15 |
| | | | | |

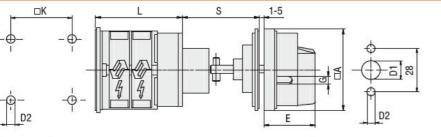
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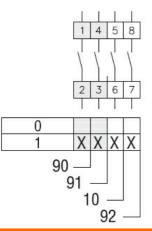
| | for single-phase motor | | | |
|----------------------|------------------------|------|----|------|
| | | 120V | HP | 2 |
| | | 240V | HP | 5 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | max | °C | +70 |
| Resistance & Protect | ion | | | |
| Frontal IP degree | | | | IP40 |
| Terminals IP degree | | | | IP00 |
| | | | | |





| Series | | | Di | mensio | ns | | | | 1 | - | |
|--------|----|----|----|--------|----|----|-------|------|------|------|-------|
| Series | □A | D1 | D2 | E | G | ⊐K | S | 1 | 2 | 3 | 12 |
| 7GN12 | 65 | 12 | 5 | 34.2 | 5 | 36 | 45-55 | 41.1 | 50.8 | 60.5 | 147.8 |
| 7GN20 | 65 | 12 | 5 | 34.2 | 5 | 36 | 45-55 | 41.1 | 50.8 | 60.5 | 147.8 |
| 7GN25 | 65 | 14 | 5 | 38 | 6 | 48 | 45-55 | 51.5 | 66.6 | 81.7 | 217.6 |
| 7GN40 | 65 | 14 | 5 | 38 | 6 | 48 | 45-55 | 51.5 | 66.6 | 81.7 | 217.6 |
| 7GN63 | 65 | 14 | 6 | 38 | 6 | 68 | 45-55 | 57.3 | 75.4 | 93.5 | 256.4 |

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 | |

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EAC UL ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete