# 7GN3213O98

ROTARY CAM SWITCH 7GN SERIES, DAHLANDER MOTOR CONTROL SWITCH 1-0-2 32A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE: 65X65

## General characteristics

| | | | |
|---|---|---|---|
| Switching diagram | | | 13 - Dahlander motor control switch 1-0-2 |
| N° of elements | | | 4 |
| Mounting form | | | O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers |

## Contact characteristics

| | | | |
|---|---|---|---|
| Rated insulation voltage Ui | | | |
| | IEC/EN | V | 690 |
| | UL/CSA | V | 600 |
| Rated impulse withstand voltage Uimp | | kV | 6 |
| Conventional free air thermal current Ith | | | |
| | IEC/EN | A | 32 |
| | UL/CSA | A | 40 |
| Rated operational voltage | | V | 480 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | | | |
| | 10kA | A | 32 |
| | 15kA | A | 32 |
| | 25kA | A | 32 |
| | 50kA | A | 32 |
| Rated short time current Icw | | | |
| | 1s | kA | 800 |
| Conductivity | | | 10/5 mA/V |
| Operational current Ie IEC/EN | | | |
| AC1/AC21A | | | |
| | | A | 32 |
| AC15 | | | |
| | 110V | A | 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 |
| Single-phase AC-3 | | | |
| | 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 |


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

| | | | | |
|---|---|---|---|---|
| | | 380/440V | kW | 7.5 |
| Rated operational current in DC | | | | |
| | DC21A | | | |
| | | 48V | A | 32 |
| | | 60V | A | 32 |
| | | 110V | A | 6 |
| | | 220V | A | 0.9 |
| | DC23A (poles in series) | | | |
| | | 24V | A | 32 (1) |
| | | 48V | A | 32 (2) |
| | | 60V | A | 32 (3) |
| | | 110V | A | 15 (3) |
| | | 220V | A | 12 (4) |
| | DC13 | | | |
| | | 24V | A | 32 |
| | | 48V | A | 25 |
| | | 60V | A | 16 |
| | | 110V | A | 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 direct-on-line control | | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 5 |
| | | 240V | HP | 10 |
| | | 480V | HP | 15 |
| | | 600V | HP | 15 |
| | 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 |


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

| | | | |
|---|---|---|---|
| | max | °C | +70 |
| **Resistance & Protection** | | | |
| Frontal IP degree | | | IP40 |
| Terminals IP degree | | | IP00 |
| **ETIM classification** | | | |
| ETIM 8.0 | | | EC001029 - Selector switch, complete |


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