# GN20011U

ROTARY CAM SWITCH GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 200A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 132X132MM

| | | | |
|---|---|---|---|
| **General characteristics** | | | |
| Switching diagram | | | 11 - 3-phase motor reversing switch |
| N° of elements | | | 3 |
| Mounting form | | | U - Front mounting with black handle |
| **Contact characteristics** | | | |
| Rated insulation voltage Ui | | | |
| | IEC/EN | V | 690 |
| | UL/CSA | V | 600 |
| Rated impulse withstand voltage Uimp | | kV | 8 |
| Conventional free air thermal current Ith | | | |
| | IEC/EN | A | 200 |
| | UL/CSA | A | 200 |
| Rated operational voltage | | V | 690 |
| Rated operational impulse voltage | | kV | 6 |
| Maximum fuse size for short-circuit protection In (gG) | | | |
| | 10kA | A | 200 |
| | 15kA | A | 200 |
| Rated short time current Icw | | | |
| | 1s | kA | 3300 |
| Operational current Ie IEC/EN | | | |
| AC1/AC21A | | | |
| | | A | 200 |
| Rated operational power in AC | | | |
| Three-phase AC-3 | | | |
| | 220/230V | kW | 27.5 |
| | 380/440V | kW | 47 |
| Rated operational current in DC | | | |
| DC21A | | | |
| | 48V | A | 200 |
| | 60V | A | 200 |
| | 110V | A | 35 |
| | 220V | A | 2.5 |
| | 440V | A | 0.9 |
| Power dissipation | | W | 26 |
| **Mechanical features** | | | |
| Terminals screw | | | M10 |
| Tightening torque for terminals max | | Nm | 10 |
| Conductor size | | | |
| AWG - Rigid cable | | | |
| | Max | AWG | 1X3 |
| AWG - Flexible cable | | | |
| | Max | AWG | 0 |
| Conductor size (IEC) - Flexible cable | | | |
| | Max | mm² | 1X95 |
| Conductor size (IEC) - Rigid cable | | | |
| | Max | mm² | 1X95 |
| Mechanical life | | cycles | $2X10^5$ |
| **UL technical data** | | | |
| Motor power for direct-on-line control | | | |


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

| | | | |
|---|---|---|---|
| for three-phase motor | | | |
| | 120V | HP | 30 |
| | 240V | HP | 50 |
| | 480V | HP | 100 |
| | 600V | HP | 75 |
| for single-phase motor | | | |
| | 120V | HP | 15 |
| | 240V | HP | 30 |

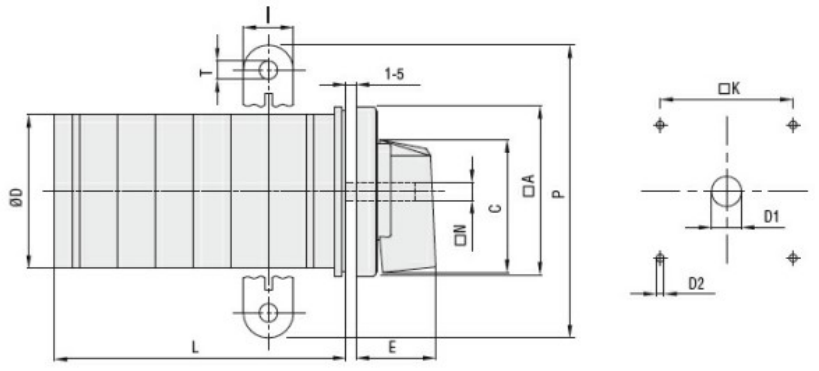
## Ambient conditions

| | | | |
|---|---|---|---|
| Temperature | | | |
| Operating temperature | | | |
| | min | °C | -25 |
| | max | °C | +55 |
| Storage temperature | | | |
| | min | °C | -40 |
| | max | °C | +70 |

## Resistance & Protection

| | |
|---|---|
| Frontal IP degree | IP40 |
| Terminals IP degree | IP00 |

## Dimensions




| Series | Dimensions | | | | | | | | | | | L Number of elements ❶ | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | □A | C | ØD | ØD1 | ØD2 | E | I | □K | □N | P | ØT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| **GN200** | 132 | 104 | 120 | 16 | 5.3 | 56 | 20 | 104 | 10 | 140 | 10.5 | 77 | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |
| **GN315** | 132 | 104 | 120 | 16 | 5.3 | 56 | 20 | 104 | 10 | 145 | 10.5 | 77 | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |

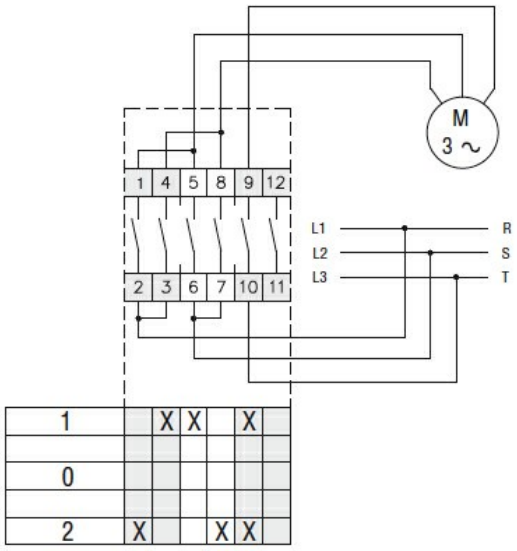
❶ For devices with 6 or more elements plese consult Technical support, see contact details on inside front cover.

## Wiring diagrams


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

# GN20011U

ROTARY CAM SWITCH GN SERIES, 3-PHASE MOTOR REVERSING SWITCH 200A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 132X132MM




## Certifications and compliance

Compliance

| | |
|---|---|
| | IEC/EN/BS 60947-1 |
| | IEC/EN/BS 60947-3 |
| | IEC/EN/BS 60947-5-1 |
| | UL60947-4-1 |

Certificates

| | |
|---|---|
| | UR |

## 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