

|                                                        |  |  |                                       |        |       |
|--------------------------------------------------------|--|--|---------------------------------------|--------|-------|
| Product designation                                    |  |  | Rotary cam switches                   |        |       |
| Product type designation                               |  |  | GN200                                 |        |       |
| General characteristics                                |  |  |                                       |        |       |
| Switching diagram                                      |  |  | 84 - Multi-step 1-2-3-4-5 1 pole      |        |       |
| N° of elements                                         |  |  | 3                                     |        |       |
| Mounting form                                          |  |  | O - Rear 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 | 2X10⁵ |

## UL technical data

Motor power for direct-on-line control

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

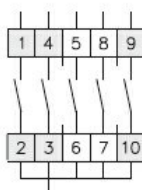
IP40

Terminals IP degree

IP00

## Dimensions

## Wiring diagrams



|   |   |  |   |   |
|---|---|--|---|---|
| 1 | X |  |   |   |
| 2 |   |  | X |   |
| 3 |   |  |   | X |
| 4 | X |  |   |   |
| 5 |   |  | X |   |

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## 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