

|                                                        |  |  |                                       |                       |                                |
|--------------------------------------------------------|--|--|---------------------------------------|-----------------------|--------------------------------|
| Product designation                                    |  |  | Enclosed rotary cam switch            |                       |                                |
| Product type designation                               |  |  | GN200                                 |                       |                                |
| General characteristics                                |  |  |                                       |                       |                                |
| Switching diagram                                      |  |  | 84 - Multi-step 1-2-3-4-5 1 pole      |                       |                                |
| N° of elements                                         |  |  | 3                                     |                       |                                |
| Mounting form                                          |  |  | L - Metal enclosure with black handle |                       |                                |
| Contact characteristics                                |  |  |                                       |                       |                                |
| Rated insulation voltage Ui                            |  |  | IEC/EN<br>UL/CSA                      | V<br>V                | 690<br>600                     |
| Rated impulse withstand voltage Uimp                   |  |  | kV                                    |                       | 8                              |
| Conventional free air thermal current Ith              |  |  | IEC/EN<br>UL/CSA                      | A<br>A                | 200<br>200                     |
| Rated operational voltage                              |  |  | V                                     |                       | 690                            |
| Rated operational impulse voltage                      |  |  | kV                                    |                       | 6                              |
| Maximum fuse size for short-circuit protection In (gG) |  |  | 10kA<br>15kA                          | A<br>A                | 200<br>200                     |
| Rated short time current Icw                           |  |  | 1s                                    | kA                    | 3300                           |
| Operational current Ie IEC/EN<br>AC1/AC21A             |  |  | A                                     |                       | 200                            |
| Rated operational power in AC<br>Three-phase AC-3      |  |  | 220/230V<br>380/440V                  | kW<br>kW              | 27.5<br>47                     |
| Rated operational current in DC<br>DC21A               |  |  | 48V<br>60V<br>110V<br>220V<br>440V    | A<br>A<br>A<br>A<br>A | 200<br>200<br>35<br>2.5<br>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

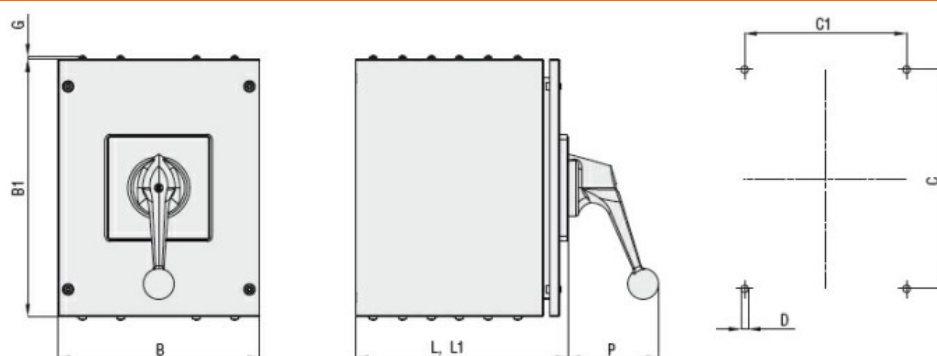
Frontal IP degree

IP54

Terminals IP degree

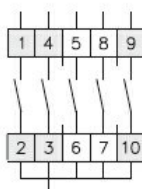
IP00

## Dimensions



| Series | Enclosure size | Number of elements |       | Dimensions |     |     |     |     |     |   |     |    | Protection degree |
|--------|----------------|--------------------|-------|------------|-----|-----|-----|-----|-----|---|-----|----|-------------------|
|        |                | L                  | L1    | L          | L1  | B   | B1  | C   | C1  | D | G   | P  |                   |
| GN200  | 250x316        | 1 - 3              | 4 - 6 | 162        | 252 | 250 | 316 | 270 | 200 | 9 | 4.5 | 98 | IP54              |
| GN315  |                | 1 - 3              | 4 - 6 | 162        | 252 | 250 | 316 | 270 | 200 | 9 | 4.5 | 98 | IP54              |

## 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

ENCLOSED ROTARY CAM SWITCH GN SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 200A IN  
METAL ENCLOSURE 250X316MM WITH BLACK HANDLE

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IEC/EN/BS 60947-3

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IEC/EN/BS 60947-5-1

ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete