

|                                                        |  |  |                                       |          |
|--------------------------------------------------------|--|--|---------------------------------------|----------|
| Product designation                                    |  |  | Enclosed rotary cam switch            |          |
| Product type designation                               |  |  | GN200                                 |          |
| General characteristics                                |  |  |                                       |          |
| Switching diagram                                      |  |  | 107 - Multi-step 0-1-2 1 pole         |          |
| N° of elements                                         |  |  | 1                                     |          |
| Mounting form                                          |  |  | L - Metal enclosure 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

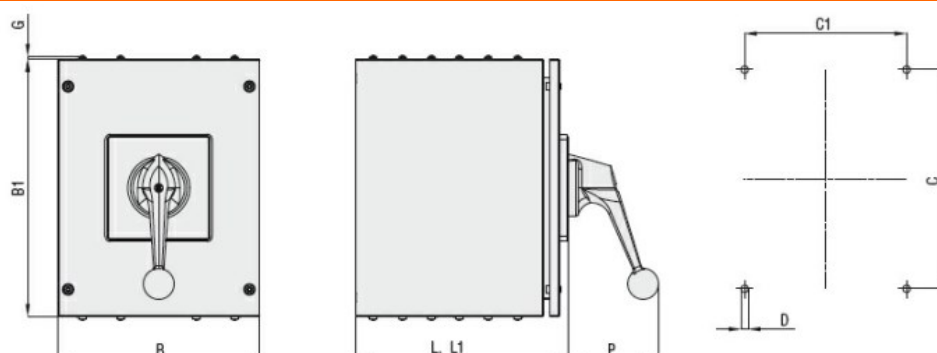
Frontal IP degree

IP54

Terminals IP degree

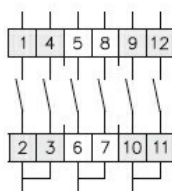
IP00

## 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



|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 0 |   |   |   |   |   |
| 1 | X |   | X |   | X |
| 2 |   | X |   | X | X |

107  
123  
135

## Certifications and compliance

Compliance

IEC/EN/BS 60947-1

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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