

|   |                                       |                 |                 |  |
|---|---------------------------------------|-----------------|-----------------|--|
| Product designation                                       |                                       |                 |                 | Enclosed rotary cam switch               |
| Product type designation                                  |                                       |                 |                 | GN200                                    |
| <b>General characteristics</b>                            |                                       |                 |                 |  |
| Switching diagram   |                                       |                 |                 | 55 - Changeover switch without 0 2 poles |
| N° of elements  |                                       |                 |                 | 2  |
| Mounting form   |                                       |                 |                 | L - Metal enclosure with black handle    |
| <b>Contact characteristics</b>                            |                                       |                 |                 |  |
| Rated insulation voltage $U_i$                            | IEC/EN                                | V               | 690             |  |
|   | UL/CSA                                | V               | 600             |  |
| Rated impulse withstand voltage $U_{imp}$                 |                                       | kV              | 8               |  |
| Conventional free air thermal current $I_{th}$            | 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 $I_n$ (gG) | 10kA                                  | A               | 200             |  |
|   | 15kA                                  | A               | 200             |  |
| Rated short time current $I_{cw}$                         |                                       | 1s              | kA              | 3300                                     |
|   |                                       |                 |                 |  |
| Operational current $I_e$ IEC/EN<br>AC1/AC21A             |                                       | A               | 200             |  |
|   |                                       |                 |                 |  |
| Rated operational power in AC<br>Three-phase AC-3         | 220/230V                              | kW              | 27.5            |  |
|   | 380/440V                              | kW              | 47              |  |
| Rated operational current in DC<br>DC21A                  | 48V                                   | A               | 200             |  |
|   | 60V                                   | A               | 200             |  |
|   | 110V                                  | A               | 35              |  |
|   | 220V                                  | A               | 2.5             |  |
|   | 440V                                  | A               | 0.9             |  |
| Power dissipation   |                                       | W               | 26              |  |
| <b>Mechanical features</b>                                |                                       |                 |                 |  |
| 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             | mm <sup>2</sup> | 1X95                                     |
| Conductor size (IEC) - Rigid cable                        | Max                                   | mm <sup>2</sup> | 1X95            |  |

Mechanical life cycles 2X10<sup>5</sup>

**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  |  |

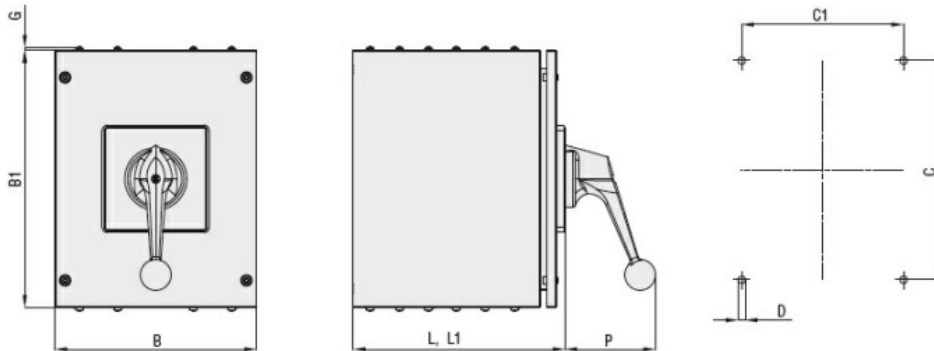
**Ambient conditions**

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

**Resistance & Protection**

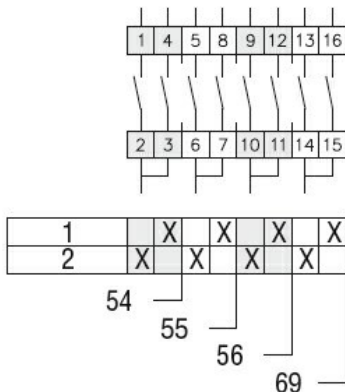
|                     |      |
|---------------------|------|
| Frontal IP degree   | IP54 |
| Terminals IP degree | IP00 |

**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**



**Certifications and compliance**

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete