

|   |                                       |                 |                 |                                      |
|---|---------------------------------------|-----------------|-----------------|--------------------------------------|
| Product designation                                       |                                       |                 |                 | Rotary cam switches                  |
| Product type designation                                  |                                       |                 |                 | GN200                                |
| <b>General characteristics</b>                            |                                       |                 |                 |                                      |
| Switching diagram   |                                       |                 |                 | 87 - Multi-step 1-2-3-4 2 poles      |
| N° of elements  |                                       |                 |                 | 4                                    |
| Mounting form   |                                       |                 |                 | U - Front mounting 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                                  |
|   |                                       | Max             | AWG             | 0                                    |
|   | AWG - Flexible cable                  | Max             | AWG             | 0                                    |
|   |                                       | Max             | mm <sup>2</sup> | 1X95                                 |
|   | 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

IP40

Terminals IP degree

IP00

**Certifications and compliance**

Compliance

CSA C22.2 n° 14

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

UL60947-4-1

Certificates

cULus

EAC

**ETIM classification**

ETIM 8.0

EC001029 -  
Selector switch,  
complete