

|                                                        |  |  |                                       |       |      |
|--------------------------------------------------------|--|--|---------------------------------------|-------|------|
| Product designation                                    |  |  | Rotary cam switches                   |       |      |
| Product type designation                               |  |  | GN200                                 |       |      |
| General characteristics                                |  |  |                                       |       |      |
| Switching diagram                                      |  |  | 93 - Multi-step 1-2-3 3 poles         |       |      |
| N° of elements                                         |  |  | 5                                     |       |      |
| Mounting form                                          |  |  | U - Front 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

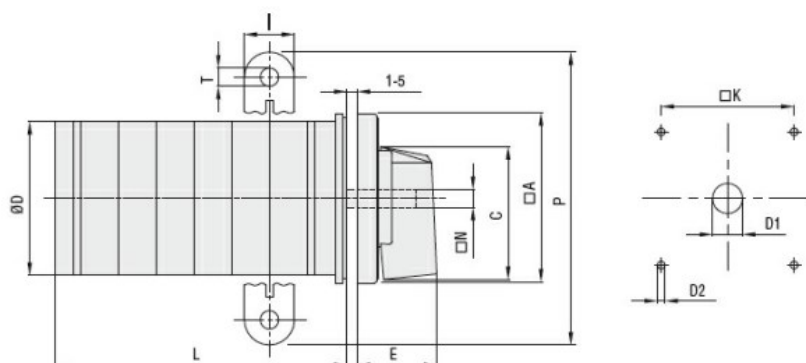
|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

## Resistance & Protection

Frontal IP degree IP40

Terminals IP degree IP00

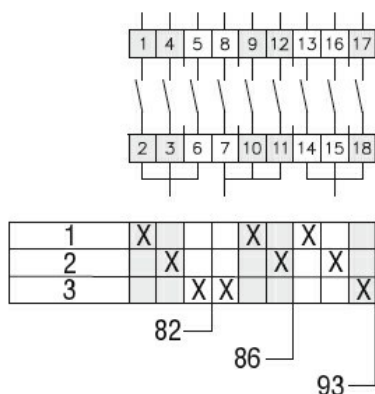
## Dimensions



| Series | Dimensions |     |     |     |     |    |    |     |    |     |      | L Number of elements ① |     |     |     |     |     |     |     |     |     |     |     |
|--------|------------|-----|-----|-----|-----|----|----|-----|----|-----|------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|        | ØA         | C   | ØD  | ØD1 | ØD2 | E  | I  | ØK  | ØN | P   | ØT   | 1                      | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  |
| GN200  | 132        | 104 | 120 | 16  | 5.3 | 56 | 20 | 104 | 10 | 140 | 10.5 | 77                     | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |
| GN315  | 132        | 104 | 120 | 16  | 5.3 | 56 | 20 | 104 | 10 | 145 | 10.5 | 77                     | 107 | 136 | 166 | 196 | 226 | 284 | 314 | 343 | 373 | 402 | 432 |

① For devices with 6 or more elements please consult Technical support, see contact details on inside front cover.

## Wiring diagrams



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