

|                                                        |                                          |                  |                     |
|--------------------------------------------------------|------------------------------------------|------------------|---------------------|
| Product designation                                    | Enclosed rotary cam switch               |                  |                     |
| Product type designation                               | GX32                                     |                  |                     |
| General characteristics                                |                                          |                  |                     |
| Switching diagram                                      | 51 - Changeover switch 1 pole            |                  |                     |
| N° of elements                                         | 1                                        |                  |                     |
| Mounting form                                          | P - Plastic 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               | 6                   |
| Conventional free air thermal current Ith              | IEC/EN<br>UL/CSA                         | A<br>A           | 32<br>32            |
| Rated operational voltage                              |                                          | V                | 440                 |
| Rated operational impulse voltage                      |                                          | kV               | 4                   |
| Maximum fuse size for short-circuit protection In (gG) | 10kA<br>15kA<br>25kA                     | A<br>A<br>A      | 35<br>35<br>35      |
| Rated short time current Icw                           | 1s                                       | kA               | 1000                |
| Conductivity                                           | 10/5 mA/V                                |                  |                     |
| Operational current Ie IEC/EN                          |                                          |                  |                     |
| AC1/AC21A                                              |                                          | A                | 32                  |
| AC15                                                   | 110V<br>220/230V<br>380/400V<br>660/690V | A<br>A<br>A<br>A | 25<br>20<br>10<br>2 |
| Rated operational power in AC                          |                                          |                  |                     |
| Three-phase AC-3                                       | 220/230V<br>380/440V<br>500/690V         | kW<br>kW<br>kW   | 7.5<br>11<br>11     |
| Single-phase AC-3                                      | 110V<br>220/230V<br>380/440V             | kW<br>kW<br>kW   | 1.8<br>3.5<br>5.5   |
| Three-phase AC23A                                      | 220/230V<br>380/440V<br>500/690V         | kW<br>kW<br>kW   | 8<br>15<br>15       |
| Single-phase AC23A                                     | 110V<br>220/230V<br>380/440V             | kW<br>kW<br>kW   | 2.2<br>3.5<br>6     |
| Rated operational current in DC                        |                                          |                  |                     |

ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 1 POLE 32A IN  
PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

DC21A

|      |   |      |
|------|---|------|
| 48V  | A | 32   |
| 60V  | A | 32   |
| 110V | A | 5    |
| 220V | A | 0.8  |
| 440V | A | 0.25 |

DC23A (poles in series)

|      |   |        |
|------|---|--------|
| 24V  | A | 32 (1) |
| 48V  | A | 32 (2) |
| 60V  | A | 32 (3) |
| 110V | A | 15 (3) |
| 220V | A | 12 (4) |

DC13

|      |   |      |
|------|---|------|
| 24V  | A | 32   |
| 48V  | A | 25   |
| 60V  | A | 14   |
| 110V | A | 3    |
| 220V | A | 0.5  |
| 440V | A | 0.15 |

|                   |   |     |
|-------------------|---|-----|
| Power dissipation | W | 1.6 |
|-------------------|---|-----|

**Mechanical features**

|                 |    |
|-----------------|----|
| Terminals screw | M4 |
|-----------------|----|

|                                     |    |     |
|-------------------------------------|----|-----|
| Tightening torque for terminals max | Nm | 1.2 |
|-------------------------------------|----|-----|

Conductor size

AWG - Rigid cable

|     |     |    |
|-----|-----|----|
| min | AWG | 16 |
| Max | AWG | 8  |

AWG - Flexible cable

|     |     |    |
|-----|-----|----|
| min | AWG | 16 |
| Max | AWG | 10 |

Conductor size (IEC) - Flexible cable

|     |                 |     |
|-----|-----------------|-----|
| min | mm <sup>2</sup> | 1.5 |
| Max | mm <sup>2</sup> | 6   |

Conductor size (IEC) - Rigid cable

|     |                 |     |
|-----|-----------------|-----|
| min | mm <sup>2</sup> | 1.5 |
| Max | mm <sup>2</sup> | 10  |

|                 |        |                   |
|-----------------|--------|-------------------|
| Mechanical life | cycles | 1X10 <sup>6</sup> |
|-----------------|--------|-------------------|

**UL technical data**

Motor power for direct-on-line control

for three-phase motor

|      |    |     |
|------|----|-----|
| 120V | HP | 3   |
| 240V | HP | 7.5 |
| 480V | HP | 15  |
| 600V | HP | 15  |

for single-phase motor

|      |    |     |
|------|----|-----|
| 120V | HP | 1.5 |
| 240V | HP | 3   |

**Ambient conditions**

Temperature

Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +55 |

Storage temperature

|     |    |     |
|-----|----|-----|
| min | °C | -40 |
|-----|----|-----|

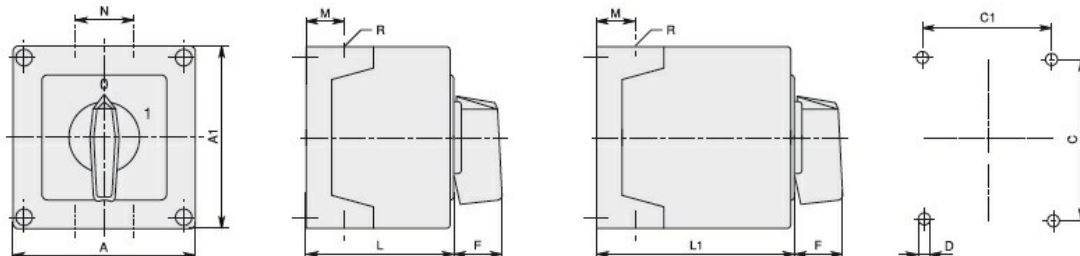
max °C +70

## Resistance & Protection

Frontal IP degree IP65

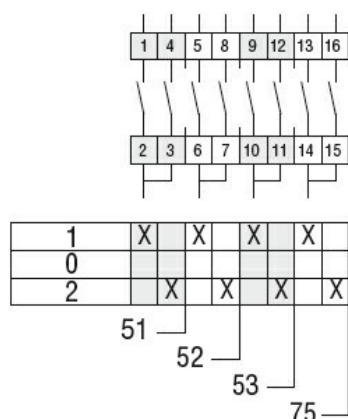
Terminals IP degree IP20

## Dimensions



|      |         |       |       |     |     |      |    |     |    |    |      |      |       |        |      |
|------|---------|-------|-------|-----|-----|------|----|-----|----|----|------|------|-------|--------|------|
| GX16 | 90x90   | 1 - 2 | 3 - 5 | 90  | 90  | 79   | 79 | 4.5 | 25 | 19 | 30   | 71.3 | 98.3  | 4xPG16 | IP65 |
| GX20 |         | 1 - 2 | 3 - 5 |     |     |      |    |     |    |    |      |      |       |        |      |
| GX16 | 110x110 | 1 - 3 | 4 - 7 | 110 | 110 | 98.4 | 83 | 4.5 | 32 | 21 | 39.5 | 85.5 | 119.5 | 4xPG21 | IP65 |
| GX20 |         | 1 - 3 | 4 - 7 |     |     |      |    |     |    |    |      |      |       |        |      |
| GX32 |         | 1 - 2 | 3 - 4 |     |     |      |    |     |    |    |      |      |       |        |      |
| GX40 |         | 1 - 2 | 3 - 4 |     |     |      |    |     |    |    |      |      |       |        |      |

## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN/BS 60947-1  
IEC/EN/BS 60947-3  
IEC/EN/BS 60947-5-1  
IEC/EN/BS 61058-1

### Certificates

EAC

## ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete