# GX3210088



ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 32A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM



| Product designation   |                      |         | Rotary cam                      |
|---|----------------------|---------|---------------------------------|
| -   |                      |         | switches                        |
| Product type designation  |                      |         | GX32                            |
| General characteristics   |                      |         | 10 - ON/OFF                     |
| Switching diagram   |                      |         | switch 3 poles                  |
| N° of elements  |                      |         | 2                               |
|   |                      |         | O88 - Rear                      |
|   |                      |         | mounting with                   |
|   |                      |         | red/yellow handl                |
| Mounting form   |                      |         | padlockable in 0                |
|   |                      |         | door coupling<br>and protection |
|   |                      |         | covers                          |
| Contact characteristics   |                      |         |                                 |
| Rated insulation voltage Ui   |                      |         |                                 |
|   | IEC/EN               | V       | 690                             |
|   | UL/CSA               | V       | 600                             |
| Rated impulse withstand voltage Uimp  |                      | kV      | 6                               |
| Conventional free air thermal current Ith   |                      |         |                                 |
|   | IEC/EN               | A       | 32                              |
| Deterlesses d'accelerations   | UL/CSA               | A       | 32                              |
| Rated operational voltage   |                      | V<br>kV | 440                             |
| Rated operational impulse voltage<br>Maximum fuse size for short-circuit protection In (gG) |                      | ĸv      | 4                               |
| Maximum ruse size for short-circuit protection in (gG)                                      | 10kA                 | А       | 35                              |
|   | 15kA                 | A       | 35                              |
|   | 25kA                 | A       | 35                              |
| Rated short time current Icw  |                      |         |                                 |
|   | 1s                   | А       | 1000                            |
| Conductivity  |                      |         | 10/5 mA/V                       |
| Operational current le IEC/EN   |                      |         |                                 |
| AC1/AC21A   |                      |         |                                 |
|   |                      | Α       | 32                              |
| AC15  |                      |         |                                 |
|   | 110V                 | A       | 25                              |
|   | 220/230V             | A       | 20                              |
|   | 380/400V<br>660/690V | A       | 10                              |
| Rated operational power in AC   | 000/090V             | A       | 2                               |
| Three-phase AC-3  |                      |         |                                 |
|   | 220/230V             | kW      | 7.5                             |
|   | 380/440V             | kW      | 11                              |
|   | 500/690V             | kW      | 11                              |
| Single-phase AC-3   |                      |         |                                 |
| - 3 - 1   |                      |         |                                 |

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|                          |                                       |                      |          | o -               |
|--------------------------|---------------------------------------|----------------------|----------|-------------------|
|                          |                                       | 220/230V             | kW       | 3.5               |
|                          |                                       | 380/440V             | kW       | 5.5               |
|                          | Three-phase AC23A                     | 220/2201/            | 1.3.47   | 0                 |
|                          |                                       | 220/230V             | kW       | 8                 |
|                          |                                       | 380/440V<br>500/690V | kW<br>kW | 15                |
|                          | Single-phase AC23A                    | 200/6907             | KVV      | 15                |
|                          | Single-phase AC23A                    | 110V                 | kW       | 2.2               |
|                          |                                       | 220/230V             | kW       | 3.5               |
|                          |                                       | 380/440V             | kW       | 6                 |
| Rated operational curr   | rent in DC                            | 300/440 V            | R V V    | 0                 |
|                          | DC21A                                 |                      |          |                   |
|                          | 502 m                                 | 48V                  | А        | 32                |
|                          |                                       | 60V                  | A        | 32                |
|                          |                                       | 110V                 | A        | 5                 |
|                          |                                       | 220V                 | A        | 0.8               |
|                          |                                       | 440V                 | A        | 0.25              |
|                          | DC23A (poles in series)               |                      |          |                   |
|                          |                                       | 24V                  | А        | 32 (1)            |
|                          |                                       | 48V                  | A        | 32 (2)            |
|                          |                                       | 60V                  | A        | 32 (3)            |
|                          |                                       | 110V                 | A        | 15 (3)            |
|                          |                                       | 220V                 | A        | 12 (4)            |
|                          | DC13                                  | 2201                 | 7.       | 12 (1)            |
|                          | 2010                                  | 24V                  | А        | 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 to | erminals 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                  | mm²      | 1.5               |
|                          |                                       | Max                  | mm²      | 6                 |
|                          | Conductor size (IEC) - Rigid cable    |                      |          |                   |
|                          |                                       | min                  | mm²      | 1.5               |
|                          |                                       | Max                  | mm²      | 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               |
|                          |                                       | 240V<br>480V         | HP<br>HP | 7.5<br>15         |

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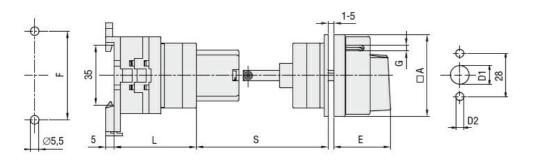
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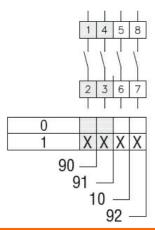
|                      |                        | 600V | HP | 15   |
|----------------------|------------------------|------|----|------|
|                      | for single-phase motor |      |    |      |
|                      |                        | 120V | HP | 1.5  |
|                      |                        | 240V | HP | 3    |
| Ambient conditions   |                        |      |    |      |
| Temperature          |                        |      |    |      |
|                      | Operating temperature  |      |    |      |
|                      |                        | min  | °C | -25  |
|                      |                        | max  | °C | +55  |
|                      | Storage temperature    |      |    |      |
|                      |                        | min  | °C | -40  |
|                      |                        | max  | °C | +70  |
| Resistance & Protect | ion                    |      |    |      |
| Frontal IP degree    |                        |      |    | IP65 |
| Terminals IP degree  |                        |      |    | IP20 |
| Dimonoiono           |                        |      |    |      |

Dimensions



| Series | Dimensions |    |    |      |    | L  |   |       |    |      |    |       |
|--------|------------|----|----|------|----|----|---|-------|----|------|----|-------|
| Selles | □A         | D1 | D2 | E    | F  | □K | G | S     | 1  | 2    | 3  | 12    |
| GX16   | 48         | 12 | 5  | 34.2 | 52 | 36 | 5 | 45-55 | 40 | 48.5 | 57 | 133.5 |
| GX20   | 48         | 12 | 5  | 34.2 | 52 | 36 | 5 | 45-55 | 40 | 48.5 | 57 | 133.5 |
| GX32   | 65         | 14 | 5  | 38   | 68 | 48 | 6 | 45-55 | 51 | 63   | 75 | 183   |
| GX40   | 65         | 14 | 5  | 38   | 68 | 48 | 6 | 45-55 | 51 | 63   | 75 | 183   |

#### Wiring diagrams



## Certifications and compliance

Compliance

#### CSA C22.2 n° 14 IEC/EN/BS 60947-1

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|                     | 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            |                     | EC001105 - Off-<br>load switch |

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