

|                                                        |                                                                                                  |                  |                     |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------|---------------------|
| Product designation                                    | Rotary cam switches                                                                              |                  |                     |
| Product type designation                               | GX32                                                                                             |                  |                     |
| General characteristics                                |                                                                                                  |                  |                     |
| Switching diagram                                      | 20 - Dahlander motor 2-speed reversing switch                                                    |                  |                     |
| N° of elements                                         | 6                                                                                                |                  |                     |
| Mounting form                                          | O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers |                  |                     |
| 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                                     |                                                                                                  |                  |                     |

ROTARY CAM SWITCH GX SERIES, DAHLANDER MOTOR 2-SPEED REVERSING SWITCH, 32A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT PLATE 65X65MM

|                                        |          |                 |                   |
|----------------------------------------|----------|-----------------|-------------------|
|                                        | 110V     | kW              | 2.2               |
|                                        | 220/230V | kW              | 3.5               |
|                                        | 380/440V | kW              | 6                 |
| Rated operational current in DC        |          |                 |                   |
| 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 |

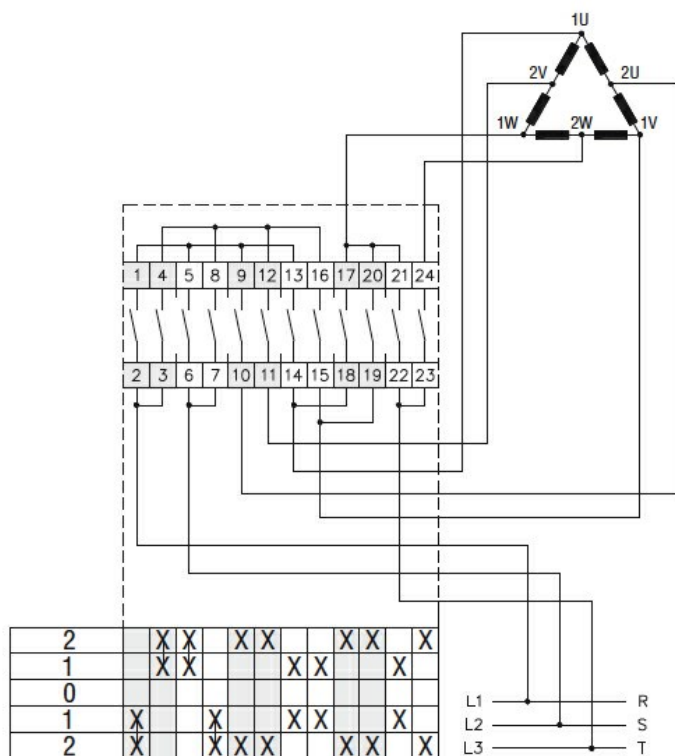
## Resistance & Protection

Frontal IP degree IP65

Terminals IP degree IP20

## Dimensions

## Wiring diagrams



## 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