

| | | | |
|--|---|----|-----------|
| Product designation | Enclosed rotary cam switch | | |
| Product type designation | GX40 | | |
| General characteristics | | | |
| Switching diagram | 08 - ON/OFF switch 4 poles | | |
| N° of elements | 2 | | |
| Mounting form | P - Plastic enclosure with black handle | | |
| 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 | 40 |
| | UL/CSA | A | 40 |
| Rated operational voltage | | V | 440 |
| Rated operational impulse voltage | | kV | 4 |
| Maximum fuse size for short-circuit protection In (gG) | 10kA | A | 40 |
| | 15kA | A | 35 |
| | 25kA | A | 35 |
| Rated short time current Icw | 1s | kA | 1000 |
| Conductivity | | | 10/5 mA/V |
| Operational current Ie IEC/EN | | | |
| AC1/AC21A | | A | 40 |
| AC15 | 110V | A | 25 |
| | 220/230V | A | 22 |
| | 380/400V | A | 12 |
| | 660/690V | A | 2 |
| Rated operational power in AC | | | |
| Three-phase AC-3 | 220/230V | kW | 7.5 |
| | 380/440V | kW | 15 |
| | 500/690V | kW | 15 |
| Single-phase AC-3 | 110V | kW | 2.2 |
| | 220/230V | kW | 4.4 |
| | 380/440V | kW | 7 |
| Three-phase AC23A | 220/230V | kW | 9 |
| | 380/440V | kW | 18.5 |
| | 500/690V | kW | 15 |
| Single-phase AC23A | 110V | kW | 3 |
| | 220/230V | kW | 5.2 |
| | 380/440V | kW | 7.5 |
| Rated operational current in DC | | | |

DC21A

| | | |
|------|---|------|
| 48V | A | 40 |
| 60V | A | 40 |
| 110V | A | 6 |
| 220V | A | 0.8 |
| 440V | A | 0.25 |

DC23A (poles in series)

| | | |
|------|---|--------|
| 24V | A | 40 (1) |
| 48V | A | 40 (1) |
| 60V | A | 40 (3) |
| 110V | A | 40 (3) |
| 220V | A | 12 (4) |

DC13

| | | |
|------|---|------|
| 24V | A | 40 |
| 48V | A | 32 |
| 60V | A | 16 |
| 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 ² | 1.5 |
| Max | mm ² | 6 |

Conductor size (IEC) - Rigid cable

| | | |
|-----|-----------------|-----|
| min | mm ² | 1.5 |
| Max | mm ² | 10 |

| | | |
|-----------------|--------|-------------------|
| Mechanical life | cycles | 1X10 ⁶ |
|-----------------|--------|-------------------|

UL technical data

Motor power for direct-on-line control

for three-phase motor

| | | |
|------|----|----|
| 120V | HP | 5 |
| 240V | HP | 10 |
| 480V | HP | 15 |
| 600V | HP | 15 |

for single-phase motor

| | | |
|------|----|---|
| 120V | HP | 2 |
| 240V | HP | 5 |

Ambient conditions

Temperature

Operating temperature

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

Storage temperature

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

Resistance & Protection

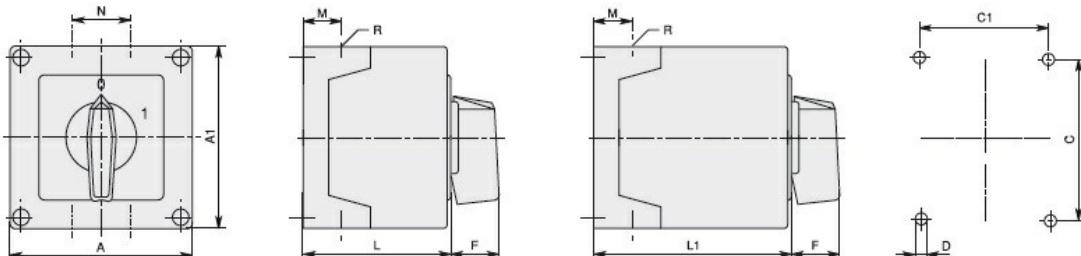
Frontal IP degree

IP65

Terminals IP degree

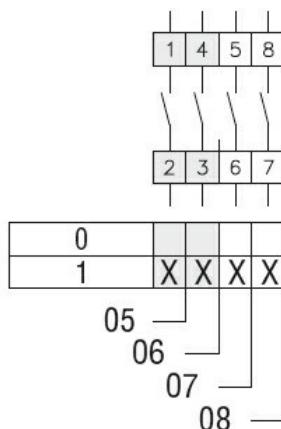
IP20

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