

| | | | | |
|---|-------------------------------|----|---|----------------------|
| Product type designation | | | | GX40 |
| General characteristics | | | | |
| Switching diagram | | | | 11 |
| N° of elements | | | | 3 |
| Options | | | | Enlarged front plate |
| 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 | UL/CSA | A | | 40 |
| | | V | | 440 |
| Rated operational voltage | 10kA | A | | 40 |
| | 25kA | A | | 35 |
| | 50kA | A | | 35 |
| | 63kA | A | | 35 |
| Rated short time current Icw | | 1s | A | 800 |
| | Operational current Ie IEC/EN | | | |
| AC1/AC21A | | | | A 40 |
| AC15 | | | | |
| | 110V | A | | 25 |
| | 220/230V | A | | 22 |
| | 380/400V | A | | 12 |
| | 660/690V | A | | 7.5 |
| 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 |

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

| | | |
|-----|-----------------|----|
| Max | mm ² | 10 |
|-----|-----------------|----|

Mechanical life cycles 5x10⁶

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

| | | |
|-----|----|-----|
| max | °C | +55 |
|-----|----|-----|

Storage temperature

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

Resistance & Protection

Frontal IP degree IP65

Terminals IP degree IP20

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete