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|--|-------------------------|-------|--------|
| Product type designation | GX20 | | |
| General characteristics | | | |
| Switching diagram | 49 | | |
| 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 | 15 |
| | | V | 440 |
| Rated operational voltage | | V | 440 |
| Maximum fuse size for short-circuit protection In (gG) | 25kA | A | 16 |
| | | | |
| Rated short time current Icw | 1s | A | 250 |
| | | | |
| Operational current Ie IEC/EN | AC1/AC21A | | |
| | | A | 20 |
| AC15 | 110V | A | 10 |
| | 220/230V | A | 8 |
| | 660/690V | A | 3.7 |
| | | | |
| Rated operational power in AC | Single-phase AC-3 | | |
| | 380/440V | kW | 3 |
| | Three-phase AC23A | | |
| | 380/440V | kW | 7.5 |
| Single-phase AC23A | 380/440V | kW | 3.5 |
| | | | |
| Rated operational current in DC | DC21A | | |
| | 48V | A | 20 |
| | 60V | A | 20 |
| | 110V | A | 4 |
| | 440V | A | 0.25 |
| | DC23A (poles in series) | | |
| | 24V | A | 20 (1) |
| | 48V | A | 20 (2) |
| | 60V | A | 20 (3) |
| | 110V | A | 10 (3) |
| 220V | A | 8 (4) | |
| DC13 | 24V | A | 20 |
| | 48V | A | 16 |
| | 60V | A | 12 |
| | 110V | A | 1 |
| | 220V | A | 0.4 |
| | 440V | A | 0.15 |
| Mechanical features | | | |
| Terminals screw | M3 | | |
| Tightening torque for terminals max | Nm | 0.8 | |
| Conductor size | AWG - Rigid cable | | |

| | | | |
|--|------|-----------------|--|
| | min | AWG | 20 |
| | Max | AWG | 14 |
| AWG - Flexible cable | | | |
| | min | AWG | 20 |
| Conductor size (IEC) - Flexible cable | | | |
| | min | mm ² | 0.5 |
| | Max | mm ² | 2.5 |
| Conductor size (IEC) - Rigid cable | | | |
| | Max | mm ² | 2.5 |
| Mechanical life | | | cycles 5x10 ⁶ |
| UL technical data | | | |
| Motor power for direct-on-line control | | | |
| for three-phase motor | | | |
| | 240V | HP | 3 |
| | 480V | HP | 5 |
| | 600V | HP | 5 |
| for single-phase motor | | | |
| | 120V | HP | 0.75 |
| | 240V | HP | 1.5 |
| 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 |
| ETIM classification | | | |
| ETIM 8.0 | | | EC001029 - Selector switch, complete |