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|---|-------------------------|------|----------|----------------------|
| Product type designation | | | | GX20 |
| General characteristics | | | | |
| Switching diagram | | | | 10 |
| N° of elements | | | | 2 |
| Options | | | | Enlarged front plate |
| Contact characteristics | | | | |
| Rated insulation voltage U_i | IEC/EN | V | 690 | |
| | UL/CSA | V | 600 | |
| Rated impulse withstand voltage U_{imp} | | | kV | 6 |
| Conventional free air thermal current I_{th} | UL/CSA | A | 15 | |
| Rated operational voltage | | | V | 440 |
| Maximum fuse size for short-circuit protection I_n (gG) | 25kA | A | 16 | |
| | 1s | A | 250 | |
| Operational current I_e 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 |
|-------------------|------|

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|---------------------|------|
| Terminals IP degree | IP20 |
|---------------------|------|

ETIM classification

| | |
|----------|--------------------------------------|
| ETIM 8.0 | EC001029 - Selector switch, complete |
|----------|--------------------------------------|