



#### Contact characteristics

|                                                                            |              |       |
|----------------------------------------------------------------------------|--------------|-------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A            | 63    |
| IEC Conventional free air thermal current $I_{th} \leq 65^{\circ}\text{C}$ | A            | 50    |
| Rated insulation voltage $U_i$ IEC/EN                                      | V            | 1000  |
| Rated impulse withstand voltage $U_{imp}$                                  | kV           | 12    |
| Operating current $I_e$                                                    |              |       |
| AC21A                                                                      |              |       |
|                                                                            | 400V         | A 63  |
|                                                                            | 500V         | A 63  |
| AC22A                                                                      |              |       |
|                                                                            | 400V         | A 63  |
|                                                                            | 500V         | A 32  |
| AC23A                                                                      |              |       |
|                                                                            | 400V         | A 63  |
|                                                                            | 500V         | A 63  |
| Power dissipation per pole max                                             | W            | 4     |
| Max fuse power dissipation                                                 |              |       |
|                                                                            | in open air  | W 7.5 |
|                                                                            | in enclosure | W 7.5 |
| Reactive power for control of capacitors at                                |              |       |
| Rated short time current (1s) $I_{cw}$ (rms)                               | kA           | 2.5   |
| Short-circuit protection with fuse                                         | Class/A      | J/60  |
| Making capacity AC23A 400V                                                 | A            | 630   |
| Breaking capacity AC23A 400V                                               | A            | 504   |
| Mechanical life                                                            | cycles       | 10000 |

#### Mechanical features

|                                 |                     |                          |
|---------------------------------|---------------------|--------------------------|
| Operating position              | normal<br>allowable | Vertical plan<br>Any     |
| Fixing                          |                     | Screw                    |
| Terminals                       | type                | Built-in terminal<br>lug |
| Tightening torque for terminals |                     |                          |
|                                 | max                 | Nm 3.5                   |
|                                 | max                 | Ibin 30                  |
| Conductor section               |                     |                          |
|                                 | IEC min             | mm <sup>2</sup> 2.5      |
|                                 | IEC max             | mm <sup>2</sup> 25       |
|                                 | AWG/kcmil min       | 14                       |
|                                 | AWG/kcmil max       | kcmil 4                  |

#### UL technical data

|                                |   |      |
|--------------------------------|---|------|
| UL Standard                    |   | UL98 |
| General purpose current rating | A | 60   |
| Operating voltage max          | V | 600  |

Horsepower/FLA current three phase motor

|      |      |       |
|------|------|-------|
| 240V | HP/A | 15/42 |
| 480V | HP/A | 30/40 |
| 600V | HP/A | 50/52 |

Short circuit rating kA rms 200

Short circuit rating with fuse Class/A J/60

#### Ambient conditions

Operating temperature

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

Storage temperature

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

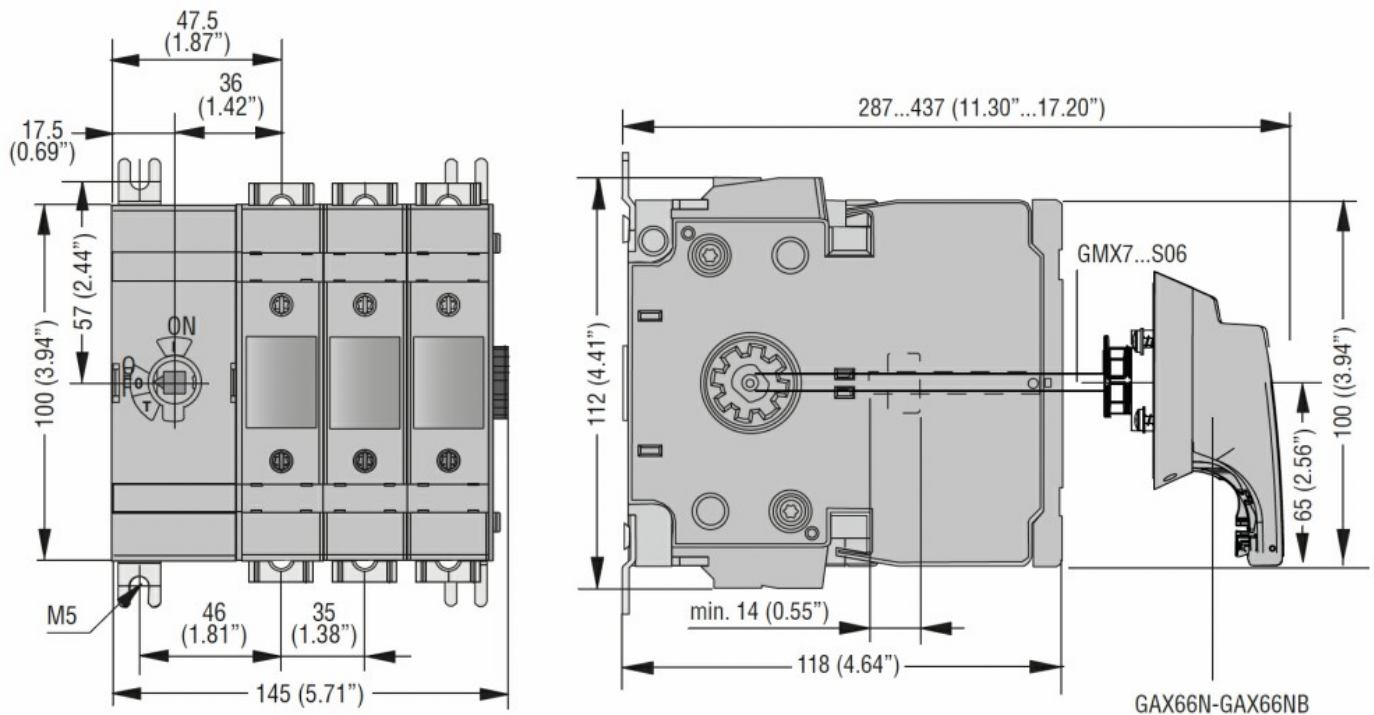
Max altitude m 3000

#### Resistance & Protection

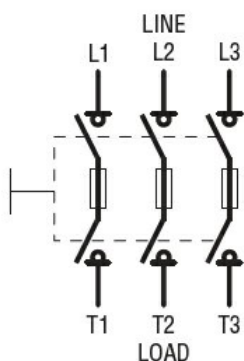
Frontal IP degree IP20

Pollution degree 3

#### Dimensions



#### Wiring diagrams



#### Certifications and compliance

Compliance

IEC/EN 60947-1

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IEC/EN 60947-3

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Certifications

CSA C22.2 n°4

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cULus according to UL98

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EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter