



| | | | |
|---|-------------------------------|--------------------------|-----|
| Product designation | Switch disconnecter with fuse | | |
| Product type designation | GM | | |
| Type of fuse | CC | | |
| Number of poles | Nr. | 3 | |
| Operating voltage type | | AC | |
| Contact characteristics | | | |
| IEC Conventional free air thermal current I _{th} | A | 32 | |
| Rated insulation voltage U _i IEC/EN | V | 1000 | |
| Rated impulse withstand voltage U _{imp} | kV | 12 | |
| Operating current I _e | | | |
| AC21A | | | |
| | 400V | A | 32 |
| | 500V | A | 32 |
| | 690V | A | 32 |
| AC22A | | | |
| | 400V | A | 32 |
| | 500V | A | 32 |
| | 690V | A | 32 |
| AC23A | | | |
| | 400V | A | 32 |
| | 500V | A | 32 |
| | 690V | A | 32 |
| Power dissipation per pole max | W | 2 | |
| Power dissipation per pole without fuse | W | 2 | |
| Max fuse power dissipation | | | |
| | in open air | W | 3.5 |
| | in enclosure | W | 3.5 |
| Rated operational power AC23A | | | |
| | 400V | kW | 15 |
| | 690V | kW | 22 |
| Rated short time current (1s) I _{cw} (rms) | kA | 1 | |
| Short-circuit protection with fuse | Class/A | J-CC/30 | |
| Making capacity AC23A 400V | A | 320 | |
| Breaking capacity AC23A 400V | A | 256 | |
| Mechanical life | cycles | 10000 | |
| Electrical life AC21A | cycles | 6000 | |
| Mechanical features | | | |
| Operating position | normal allowable | Vertical plan Any | |
| Fixing | | Screw / DIN rail 35mm | |
| Terminals | | | |

| | type | Built-in terminal lug | |
|--|---------------|-----------------------|--------|
| Tightening torque for terminals | max | Nm | 2 |
| | max | lbin | 1.4 |
| Conductor section | IEC min | mm ² | 1 |
| | IEC max | mm ² | 10 |
| | AWG/kcmil min | | 18 |
| | AWG/kcmil max | | 8 |
| UL technical data | | | |
| UL Standard | | | UL98 |
| General purpose current rating | | A | 30 |
| Operating voltage max | | V | 600 |
| Horsepower/FLA current three phase motor | 240V | HP | 7.5/22 |
| | 480V | HP | 15/21 |
| | 600V | HP | 20/22 |
| | | | |
| Short circuit rating | | kA rms | 200 |
| Short circuit rating with fuse | | Class/A | CC/30 |

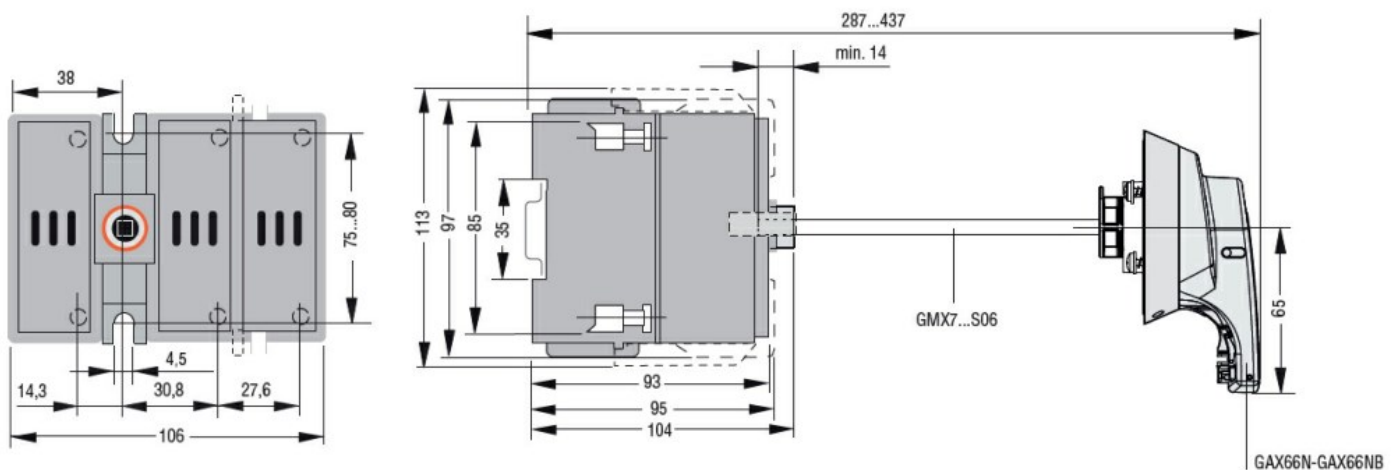
Ambient conditions

| | | | |
|-----------------------|-----|----|------|
| Operating temperature | min | °C | -25 |
| | max | °C | 55 |
| Storage temperature | min | °C | -40 |
| | max | °C | 70 |
| Max altitude | | m | 3000 |

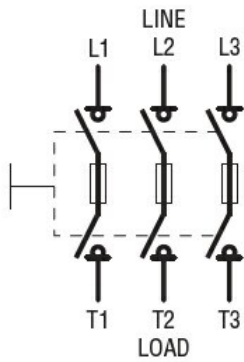
Resistance & Protection

| | | |
|-------------------|--|------|
| Frontal IP degree | | IP20 |
| Pollution degree | | 3 |

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

cULus according to UL98/CSA C22.2 n°4

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter