



|   |                               |       |     |
|---|-------------------------------|-------|-----|
| Product designation                                   | Switch disconnecter with fuse |       |     |
| Product type designation                              | GM                            |       |     |
| Type of fuse  | J                             |       |     |
| Number of poles                                       | nr.                           | 3     |     |
| Operating voltage type                                | AC                            |       |     |
| <b>Electrical features</b>                            |                               |       |     |
| Conventional free air thermal current I <sub>th</sub> | A                             | 32    |     |
| Rated insulation voltage U <sub>i</sub>               | V                             | 1000  |     |
| Rated impulse withstand voltage U <sub>imp</sub>      | kV                            | 12    |     |
| Operating current                                     |                               |       |     |
|   | AC21A 400V                    | A     | 32  |
|   | AC21A 500V                    | A     | 32  |
|   | AC21A 690V                    | A     | 32  |
|   | AC22A 400V                    | A     | 32  |
|   | AC22A 500V                    | A     | 63  |
|   | AC22A 690V                    | A     | 63  |
|   | AC23A 400V                    | A     | 32  |
|   | AC23A 500V                    | A     | 32  |
|   | AC23A 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 <sub>cw</sub> (rms)   | A                             | 1000  |     |
| Short circuit protection with fuse                    | J-CC/30                       |       |     |
| Making capacity AC23A 400V                            | A                             | 320   |     |
| Breaking capacity AC23A 400V                          | A                             | 256   |     |
| <b>Operations</b>                                     |                               |       |     |
| Mechanical life                                       | Cycles                        | 10000 |     |
| Electrical life AC21A                                 | Cycles                        | 6000  |     |
| <b>Ambient conditions</b>                             |                               |       |     |
| Operating temperature                                 |                               |       |     |
|   | min                           | °C    | -25 |
|   | max                           | °C    | 55  |
| Storage temperature                                   |                               |       |     |
|   | min                           | °C    | -40 |
|   | max                           | °C    | 70  |
| Max altitude  | m                             | 3000  |     |
| <b>Mechanical features</b>                            |                               |       |     |

Operating position

normal allowable      Vertical plan  
Any

Mounting

Screw / DIN rail  
35mm

Terminals

type      Built-in terminal lug

Tightening torque for terminals

max Nm      2  
max lbft      1.4

Conductor section

min (IEC) mm<sup>2</sup>      1  
max (IEC) mm<sup>2</sup>      10.  
min (AWG)      18  
max (AWG)      8

Weight

g      7.E2

Frontal IP degree

IP20

Pollution degree

3

UL technical data

Compliance

UL98

General purpose current rating

A      30

Operating voltage max

V      600

Horsepower/FLA current three phase motor

240V      7.5/22  
480V      15/21  
600V      20/22

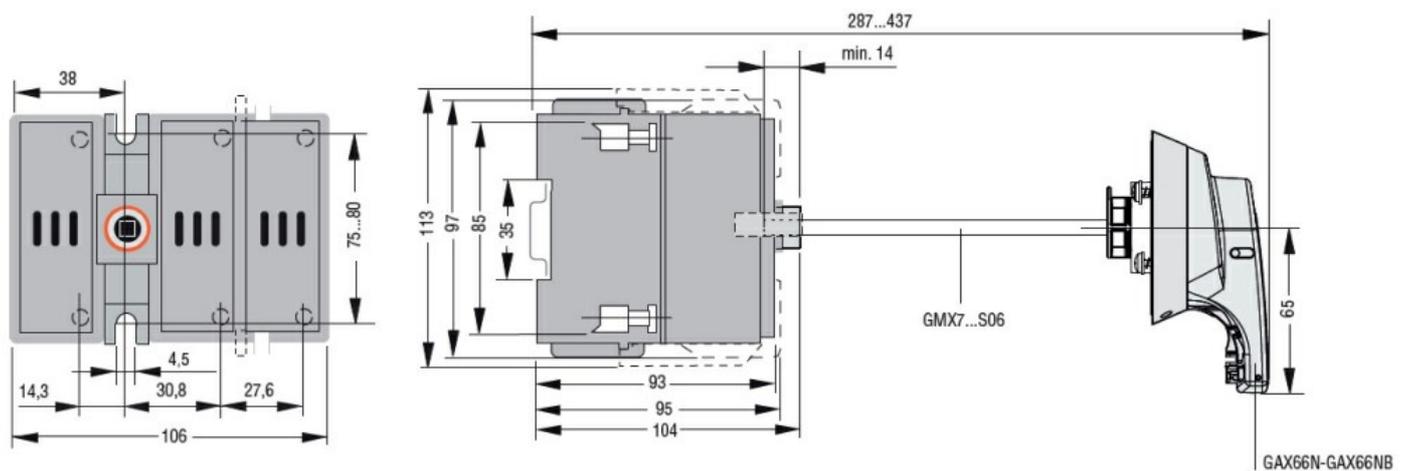
Short circuit rating

kA      200

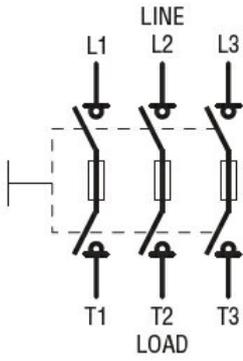
Short circuit rating with fuse

J/30

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