



## Product designation

## Product type designation

## Type of fuse

## Number of poles

## Operating voltage type

Switch  
disconnecter with  
fuse  
GM  
J  
Nr. 3  
AC

## Contact characteristics

|                                                                            |    |      |
|----------------------------------------------------------------------------|----|------|
| IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$ | A  | 400  |
| IEC Conventional free air thermal current $I_{th} \leq 65^{\circ}\text{C}$ | A  | 320  |
| Rated insulation voltage $U_i$ IEC/EN                                      | V  | 1000 |
| Rated impulse withstand voltage $U_{imp}$                                  | kV | 12   |

## Operating current $I_e$

### AC21A

|      |   |     |
|------|---|-----|
| 400V | A | 400 |
| 500V | A | 400 |
| 690V | A | 400 |

### AC22A

|      |   |     |
|------|---|-----|
| 400V | A | 400 |
| 500V | A | 400 |
| 690V | A | 400 |

### AC23A

|      |   |     |
|------|---|-----|
| 400V | A | 400 |
| 500V | A | 400 |
| 690V | A | 400 |

|                                         |   |    |
|-----------------------------------------|---|----|
| Power dissipation per pole max          | W | 30 |
| Power dissipation per pole without fuse | W | 30 |

## Max fuse power dissipation

|              |   |    |
|--------------|---|----|
| in open air  | W | 30 |
| in enclosure | W | 30 |

## Rated operational power AC23A

|      |    |     |
|------|----|-----|
| 400V | kW | 220 |
| 690V | kW | 400 |

|                                              |         |                   |
|----------------------------------------------|---------|-------------------|
| Rated short time current (1s) $I_{cw}$ (rms) | kA      | 14                |
| Short-circuit protection with fuse           | Class/A | J/400             |
| Making capacity AC23A 400V                   | A       | 4000              |
| Breaking capacity AC23A 400V                 | A       | 3200              |
| Mechanical life                              | cycles  | 5000              |
| Electrical life AC21A                        | cycles  | 1000 (AC23A 400V) |

## Mechanical features

## Operating position

|                     |                      |
|---------------------|----------------------|
| normal<br>allowable | Vertical plan<br>Any |
|---------------------|----------------------|

|        |       |
|--------|-------|
| Fixing | Screw |
|--------|-------|

## Terminals

|  | type | Bar |
|--|------|-----|
|--|------|-----|

## Tightening torque for terminals

|     |      |      |
|-----|------|------|
| max | Nm   | 42.5 |
| max | lbin | 375  |

## Tightening torque for fuse links bolts

|    |    |
|----|----|
| Nm | 20 |
|----|----|

## Tightening torque for terminal lug

|    |    |
|----|----|
| Nm | 27 |
|----|----|

## Conductor section

## Terminal kit lugs

GMX502

## UL technical data

## UL Standard

UL98

## General purpose current rating

|   |     |
|---|-----|
| A | 400 |
|---|-----|

## Operating voltage max

|   |     |
|---|-----|
| V | 600 |
|---|-----|

## Horsepower/FLA current three phase motor

|      |      |         |
|------|------|---------|
| 240V | HP/A | 125/312 |
| 480V | HP/A | 250/302 |
| 600V | HP/A | 350/336 |

## Short circuit rating

|        |     |
|--------|-----|
| kA rms | 200 |
|--------|-----|

## Short circuit rating with fuse

|         |       |
|---------|-------|
| Class/A | J/400 |
|---------|-------|

## Ambient conditions

## Operating temperature

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

## Storage temperature

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

## Max altitude

|   |      |
|---|------|
| m | 3000 |
|---|------|

## Resistance & Protection

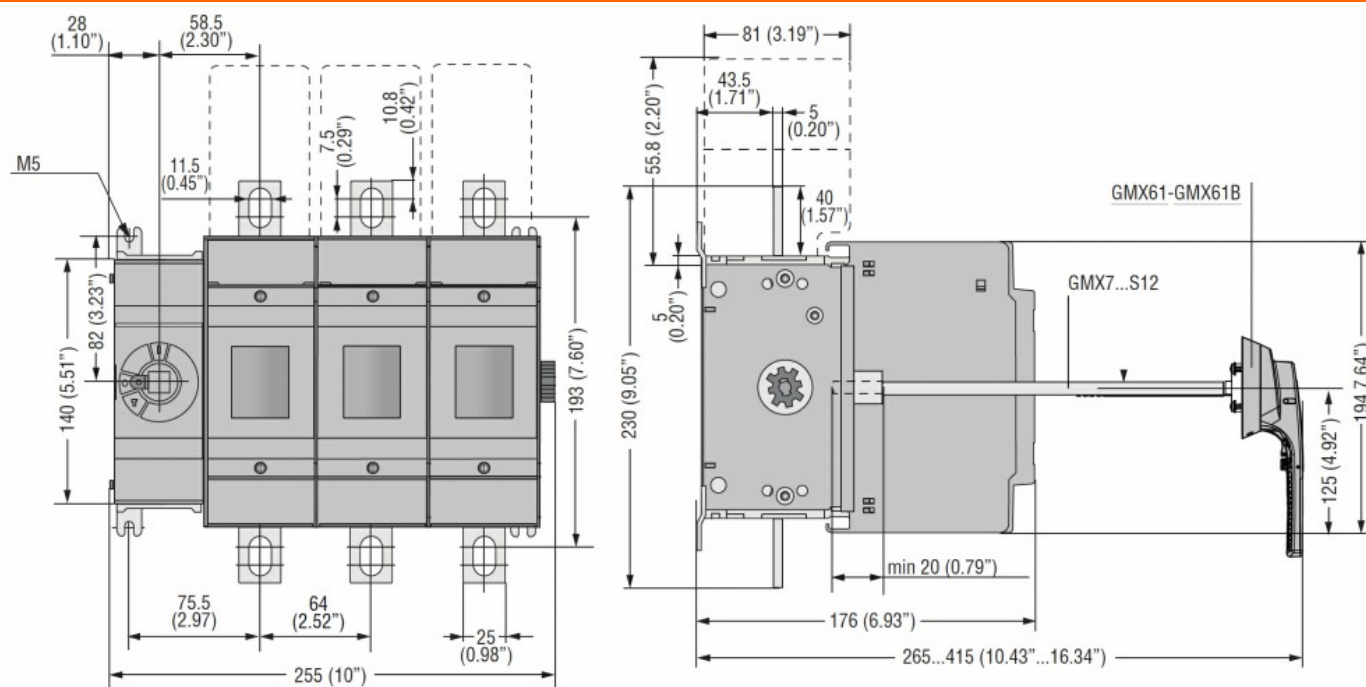
## Frontal IP degree

IP20

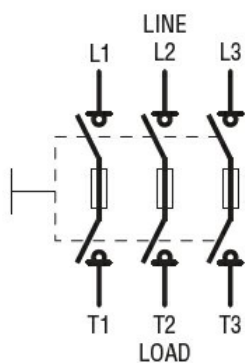
## Pollution degree

3

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

### Certifications

CSA C22.2 n°4

cULus according to UL98

EAC

## ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter